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ENVIRONMENTAL INVENTORY REPORT. EAST ST. LOUIS AND VICINITY, CA--ETC
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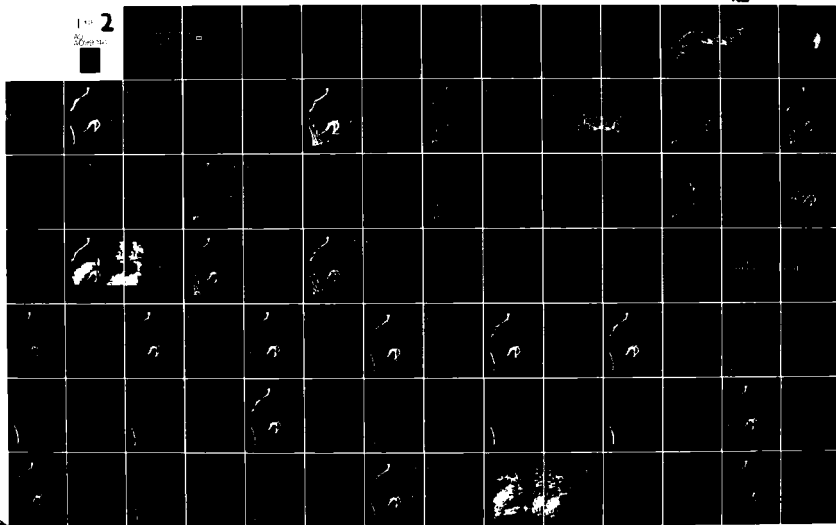
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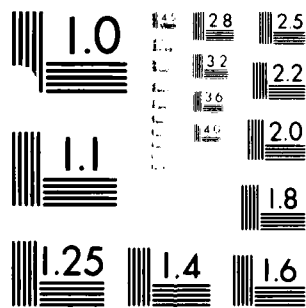
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AD-A099 746



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**EAST ST. LOUIS & VICINITY,
CAHOKIA CANAL DRAINAGE
MADISON and ST. CLAIR**

ENVIRONMENTAL INVENTORY REPORT

Volume 6 of 6 (Environmental Assessment)

Prepared by: Environmental Researchers of Ecology

Prepared for: U.S. Army Engineer District, St.

St. Louis, Missouri 1981

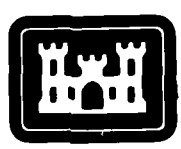
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO. AD-A099 746	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Environmental Inventory Report, East St. Louis and Vicinity, Cahokia Canal Drainage Area, Madison and St. Clair Counties, Illinois, <i>Volume 1</i>		5. TYPE OF REPORT & PERIOD COVERED <i>Final Report.</i>
7. AUTHOR(s) Environmental Researchers of Edwardsville, Inc. <i>(11)</i>		6. PERFORMING ORG. REPORT NUMBER 8. CONTRACT OR GRANT NUMBER(s) DACW43-78-C0055
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11. CONTROLLING OFFICE NAME AND ADDRESS U.S. Army Engineer District, St. Louis Environmental Studies Section, Planning Branch 210 Tucker Blvd., North, St. Louis, MO 63101		12. REPORT DATE May 1981
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This six volume set represents a thorough environmental inventory of the Cahokia Canal/Harding Ditch Drainage Area in Madison and St. Clair Counties of Illinois. It was prepared as background information for a St. Louis District Army Corps of Engineers multi-purpose planning study.		

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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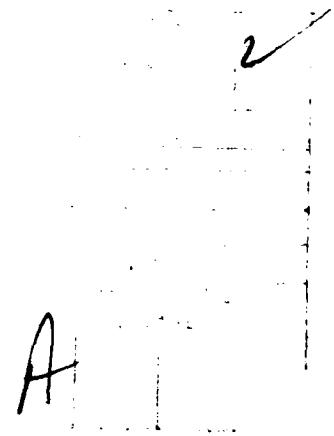
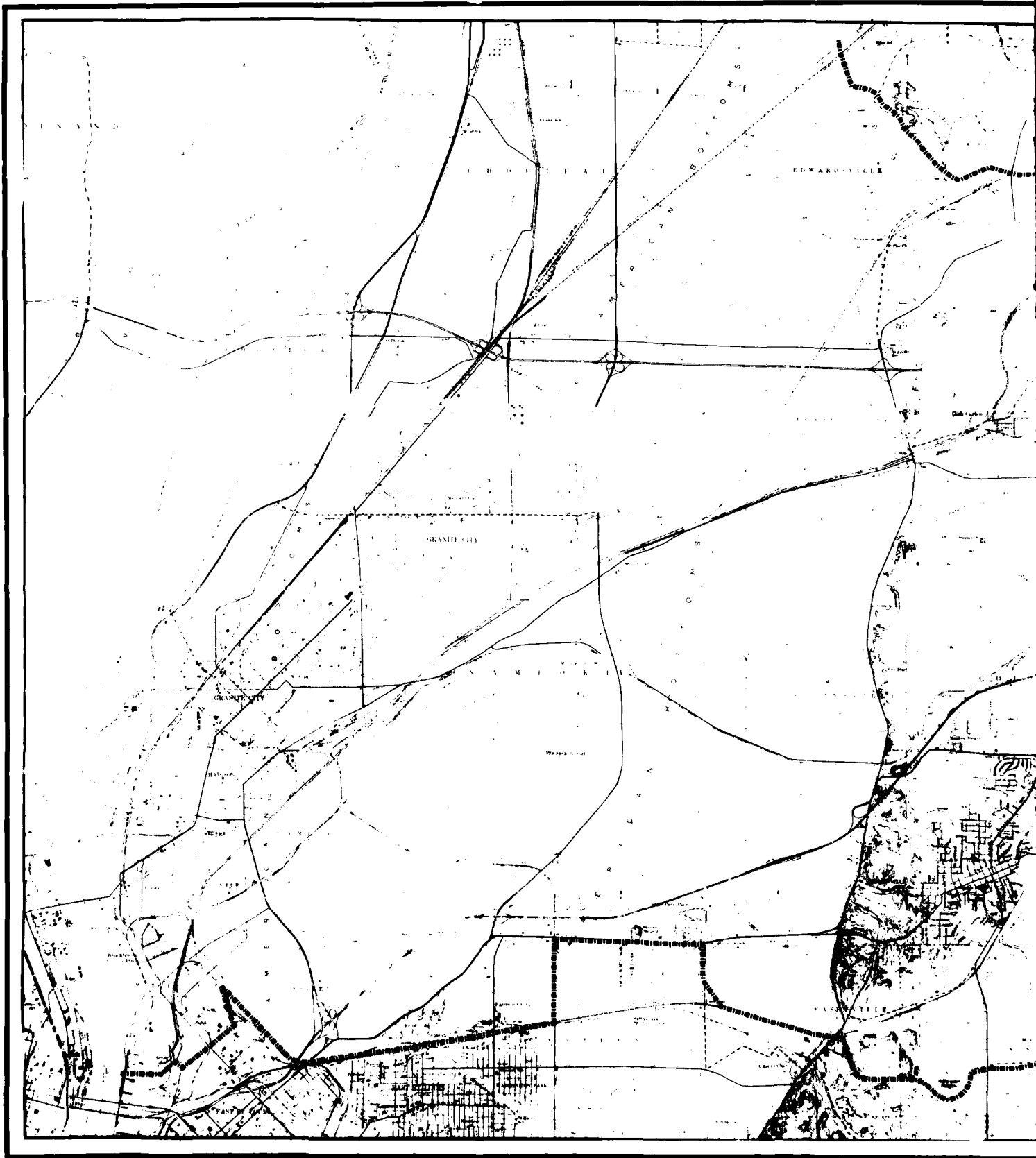


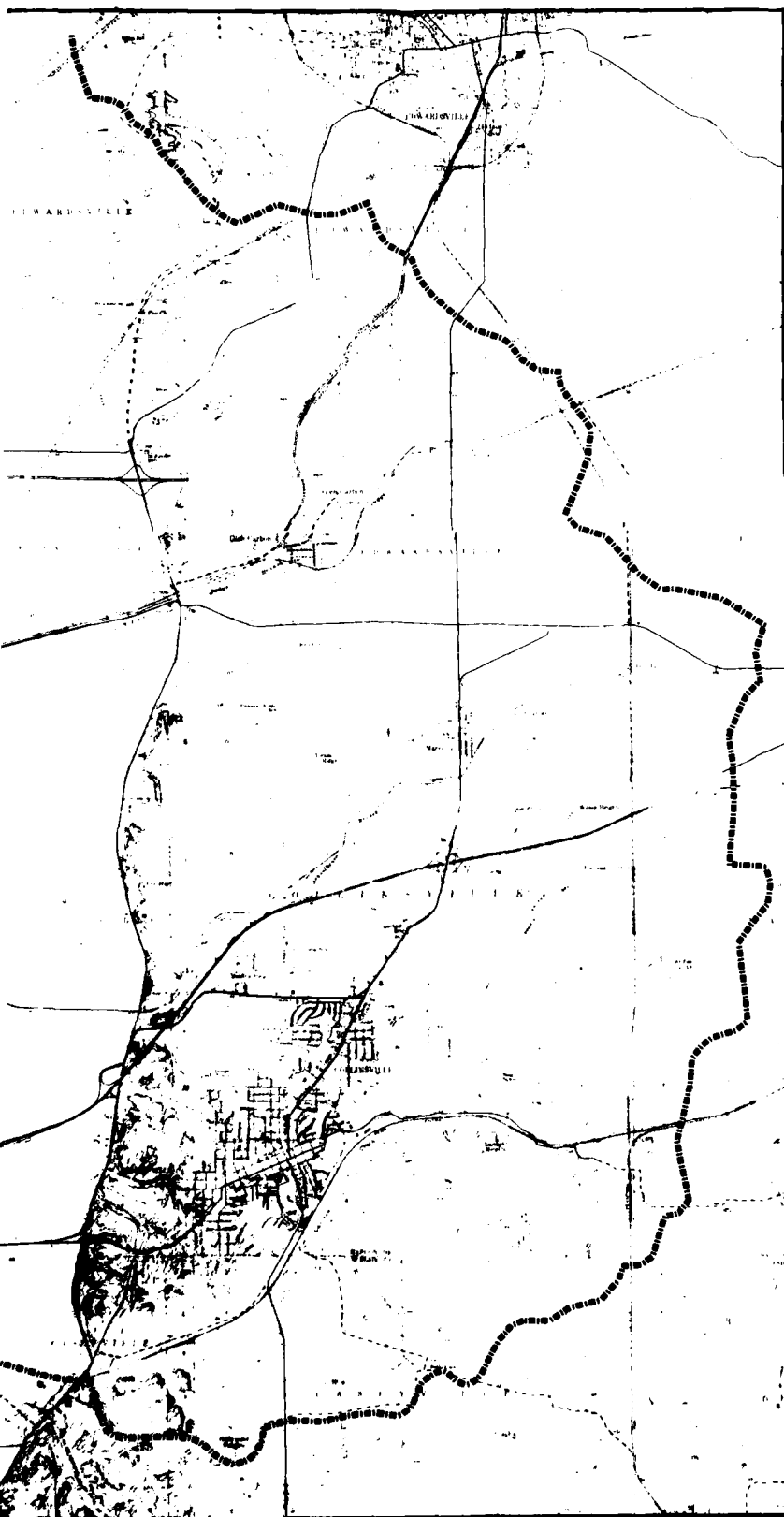
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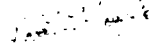




 CAHOKIA CANAL DRAINAGE AREA LIMITS



Source: USGS topographic quadrangle maps of
 Collinsville, Ill; Columbia Bottom, Mo-Ill; Edwardsville, Ill;
 Granite City, Ill-Mo; Menks Mound, Ill; Wood River, Ill-Mo;
 (all revised 1974)

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of 	TOPOGRAPHY
Figure 1-1 Plate number	

MAP
of the Country
OF THE
ILLINOIS

PART OF UPPER LOUISIANA

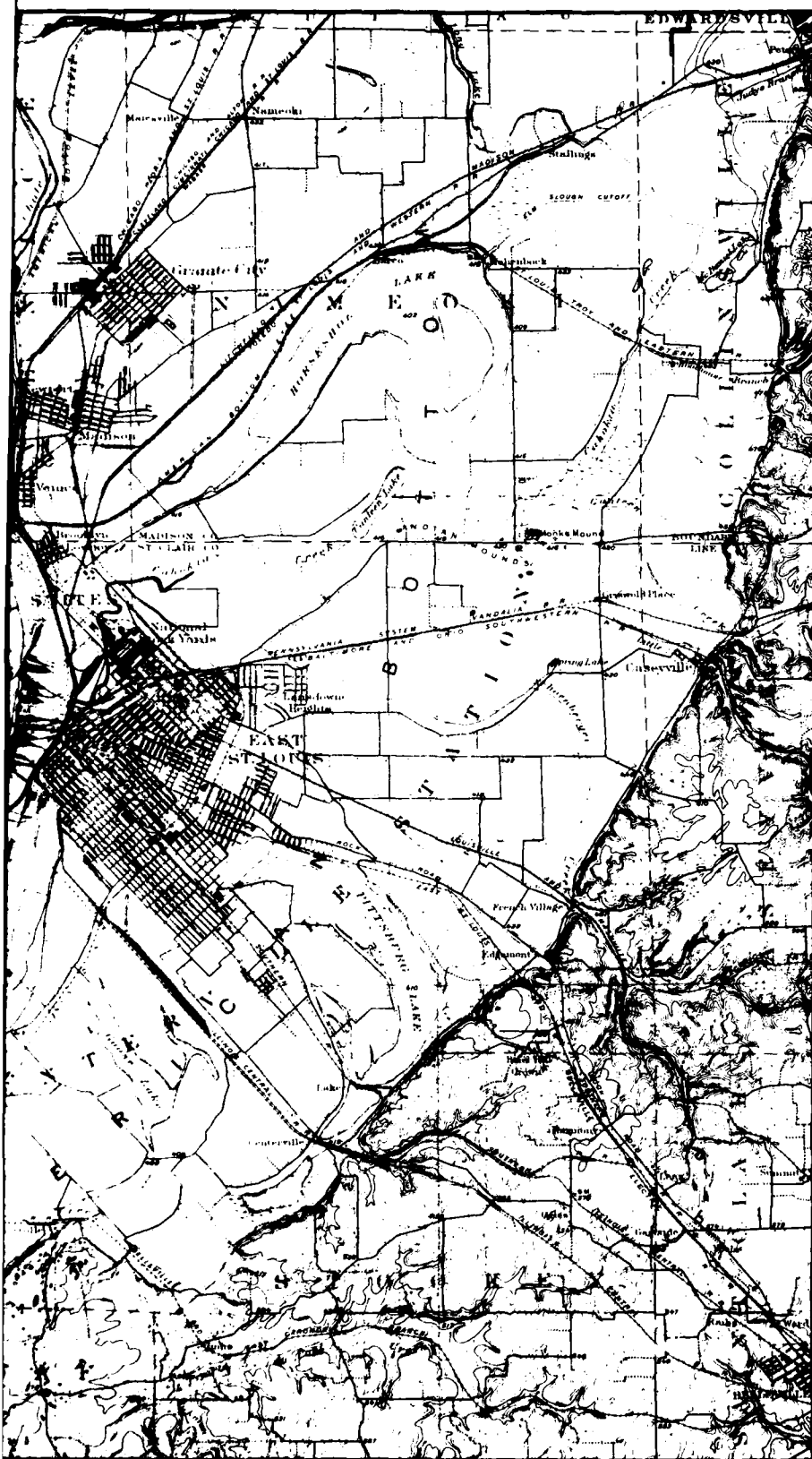


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<p>ENGINEERING</p> <p>INVENTORY</p>	<p>U.S. Army Engineer District, St. Louis</p> <p>Corps of Engineers</p> <p>St. Louis, Missouri</p>
<p>Prepared under the</p> <p>direction of</p> <p><i>Robert L. Knapke</i></p>	<p>East St. Louis and Vicinity, Illinois</p> <p>Interior Flood Control</p> <p>CAHOKIA CANAL AREA</p> <p>VICTOR COLLOT'S</p> <p>AMERICAN BOTTOMS</p> <p>(KASKASKIA - WOOD RIVER)</p> <p>1796</p>
<p>Figure 1-2 Plate number</p>	



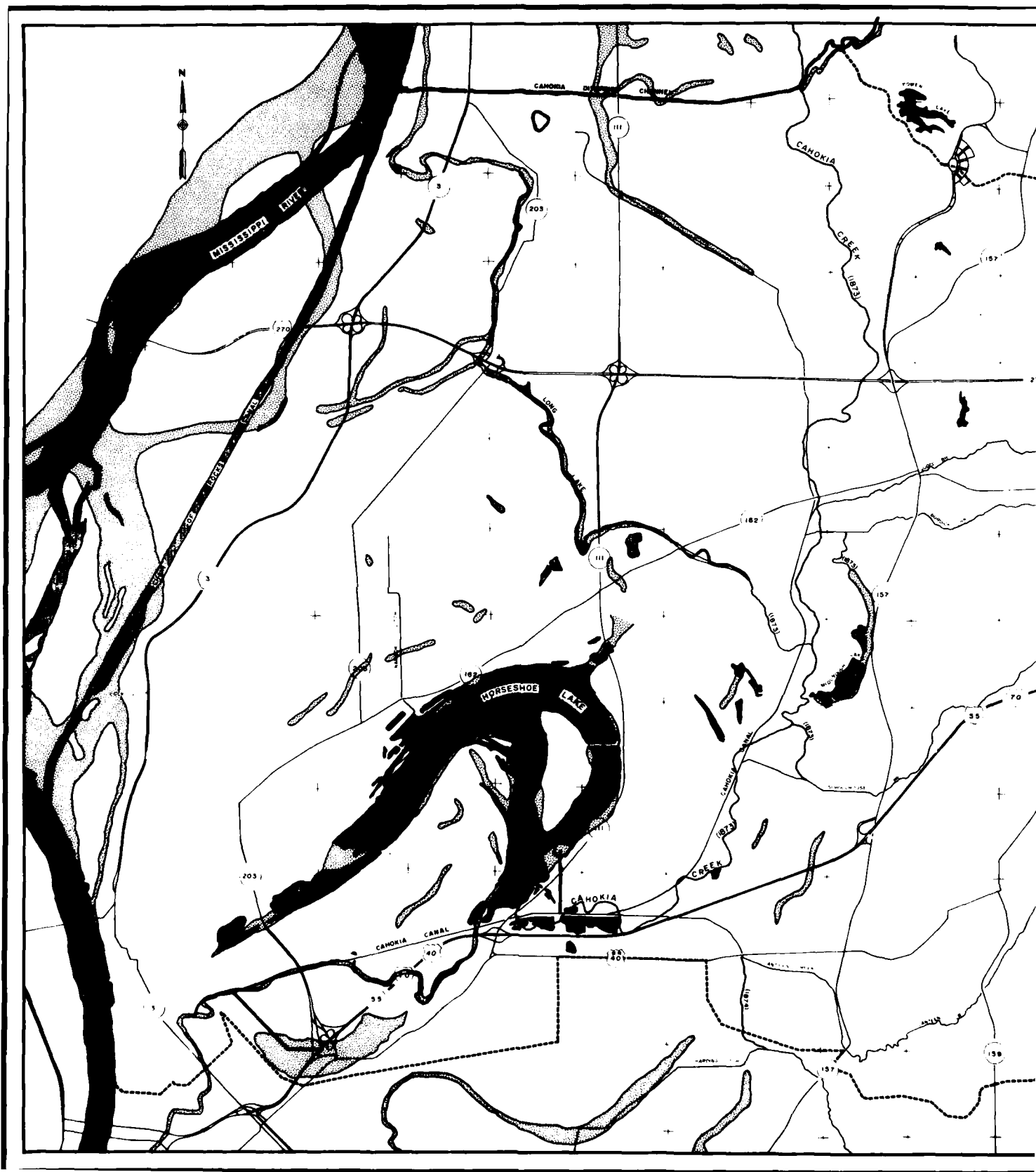


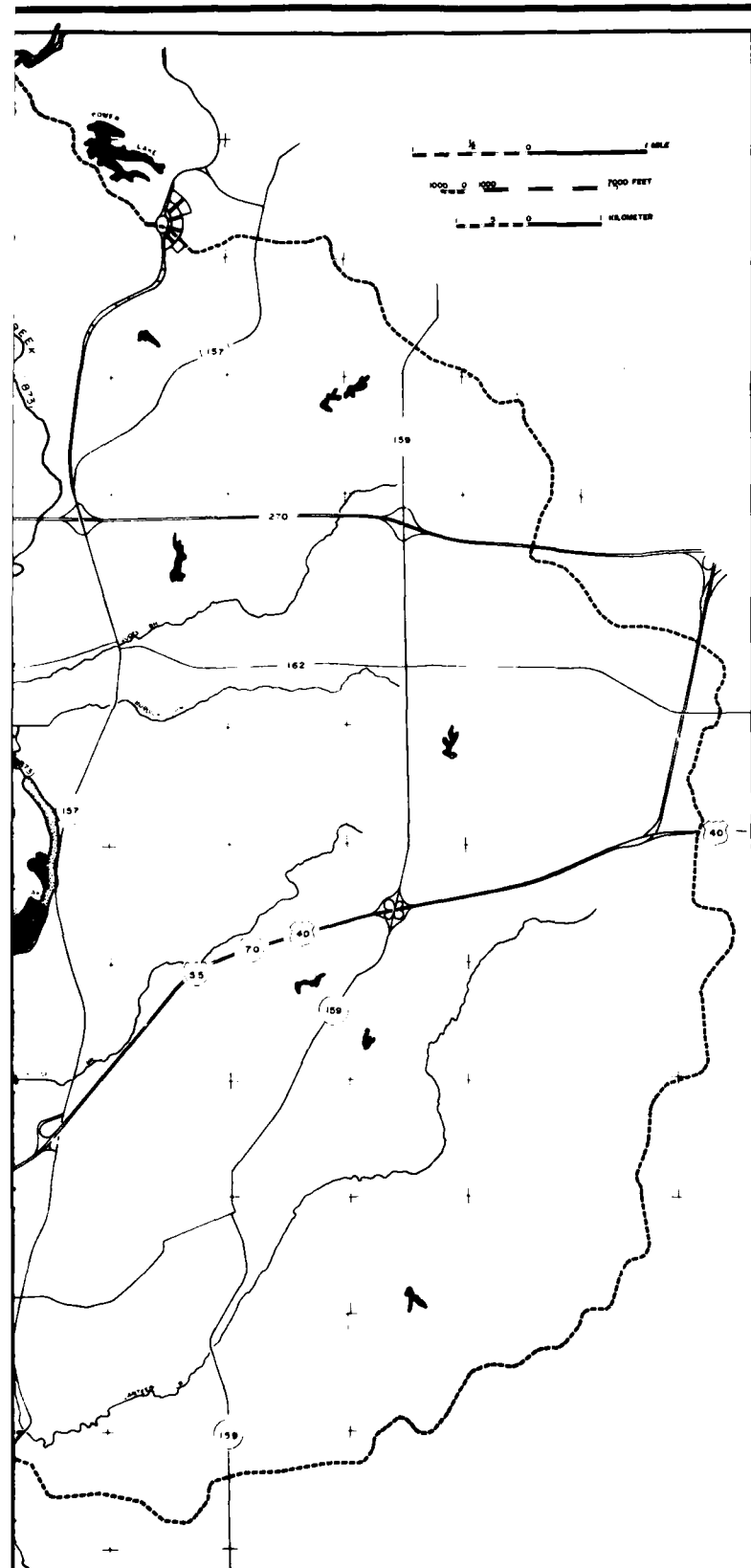
Similar 1904 maps are not available for the remainder of the Cahokia Canal Drainage Area.

Scale of map is as shown. Contour interval 20 feet. Elevation in feet above sea level.

Source: U.S.G.S. Missouri-Illinois
Saint Louis Quadrangle 1904.

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>John E. Kogge</i>	TOPOGRAPHY 1904
	Figure I-3 Plate number





Major water bodies



1873 / 1874



1978

Source: Illustrated Encyclopedia and Atlas Map
of Madison County, 1873 and the Illustrated
Historical Atlas of St. Clair County, 1874.

Cartography by David Clalland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA MAJOR WATER BODIES 1873 / 1874 AND 1978
Prepared under the direction of <i>Robert L. Kuyler</i>	Figure 1.4 Plate number

The map is a detailed historical representation of the St. Louis region. It shows the Mississippi River flowing through the center, with the city of St. Louis situated on its banks. The map is bordered by the states of Missouri to the north and Illinois to the south. Key features include the 'ST. LOUIS' label at the top, the 'MISSOURI' label on the left, and the 'ILLINOIS' label on the right. The map also includes a small inset map of the 'ST. LOUIS' area and a title 'HARBOR OF ST. LOUIS'.

The author notes that the study did not take into account the fact that the study was conducted in a hospital setting, which may have influenced the results. The author also notes that the study was conducted in a hospital setting, which may have influenced the results.

Version: 20 June 2015 15:00:00 Page 2

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Accepted for publication
15 May 2006
DOI: 10.1111/j.1365-3113.2006.03113.x

LEGEND
RED - EXISTING IMPROVEMENTS
BLACK - SURVEY OF 1987



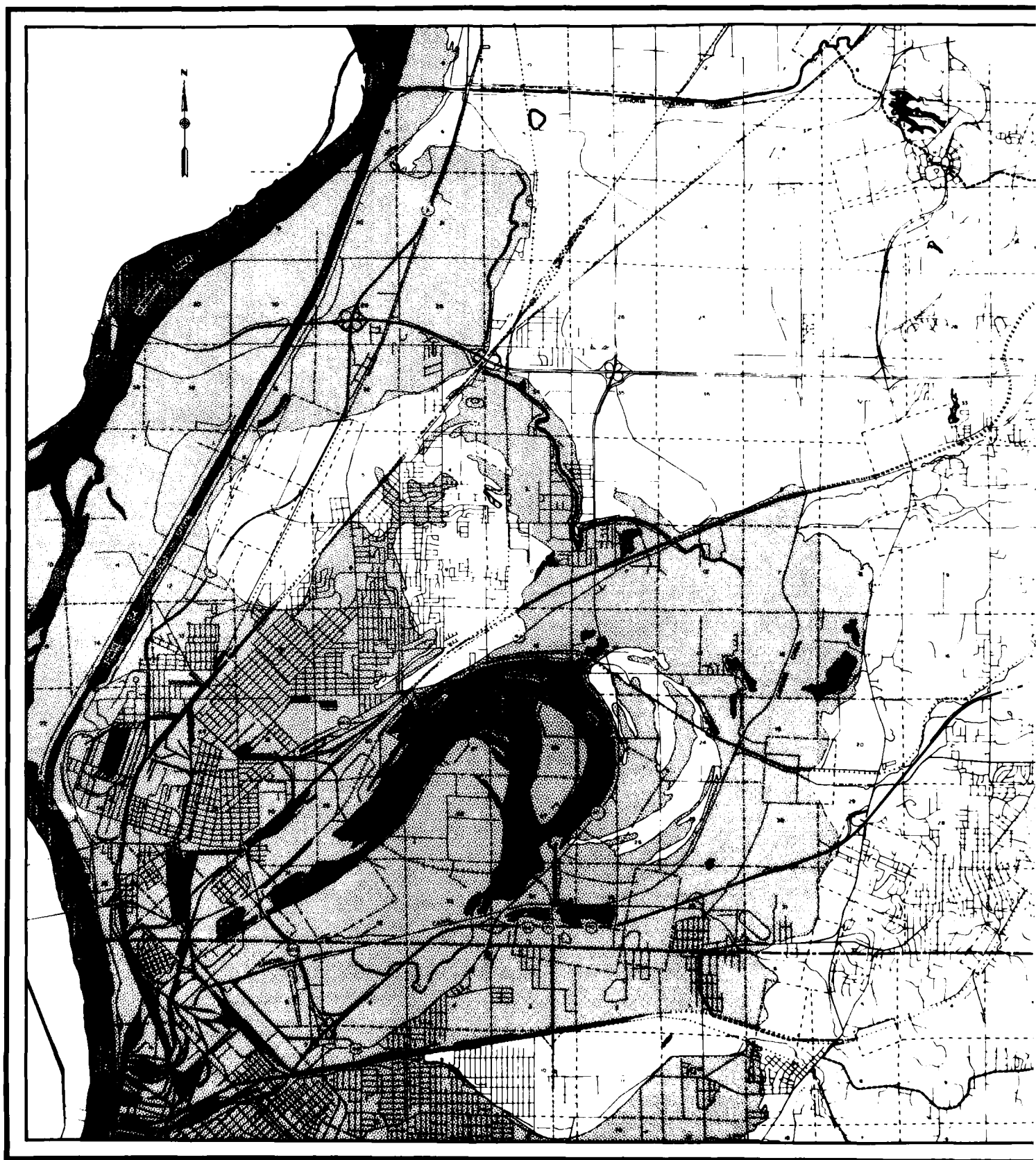
SOURCE: Recopied from the original by M. C. Ewing, May 1940.

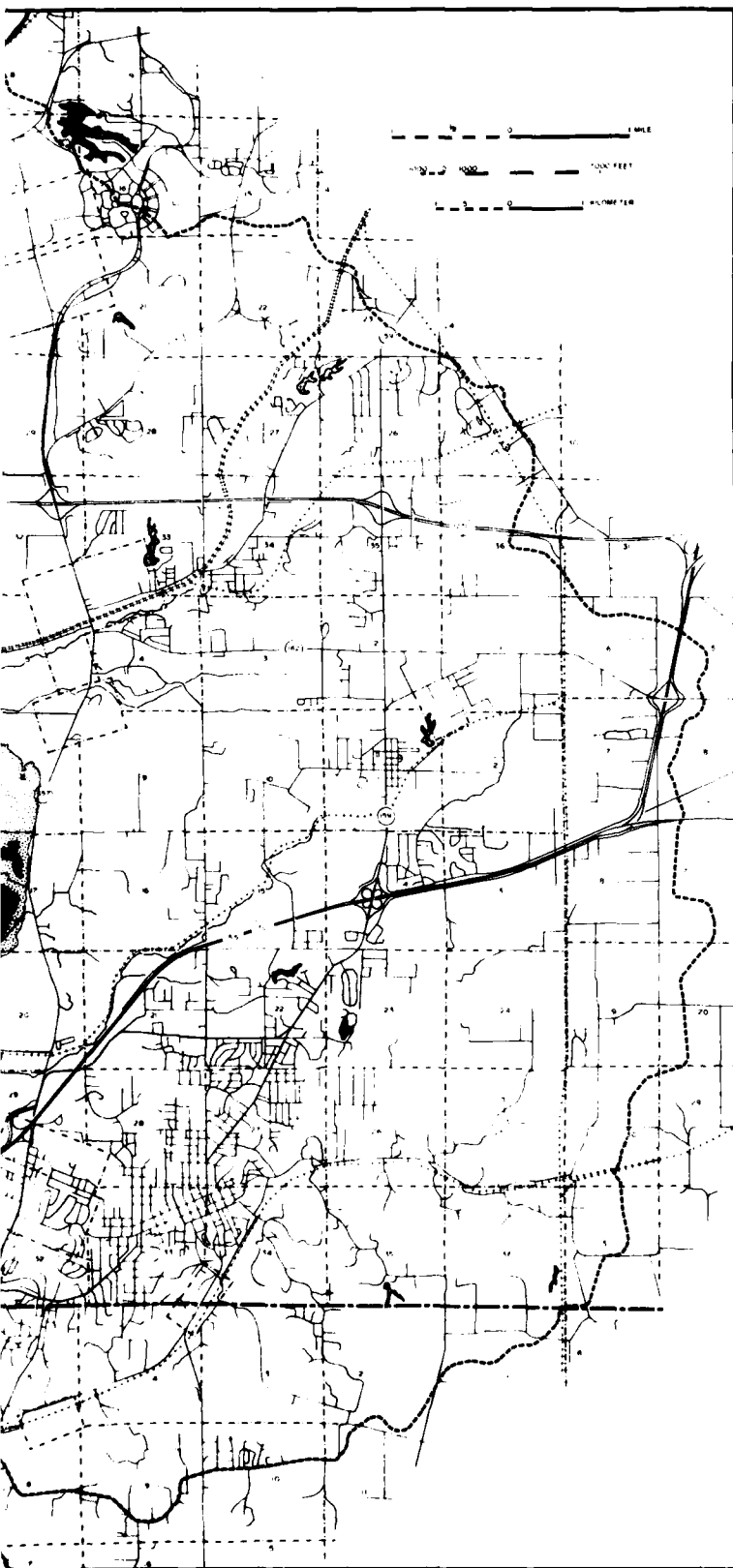
Original map surveyed by Lt. R. E. Lee

Drawn by Lt. Meigs

Corps of Engineers.

ENVIRONMENTAL INVENTORY	US Army Engineer District, St Louis Corps of Engineers St Louis, Missouri
	East St Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert L. Kuyler</i>	HARBOR OF ST. LOUIS OCTOBER 1837
Figure I-5 Plate number	



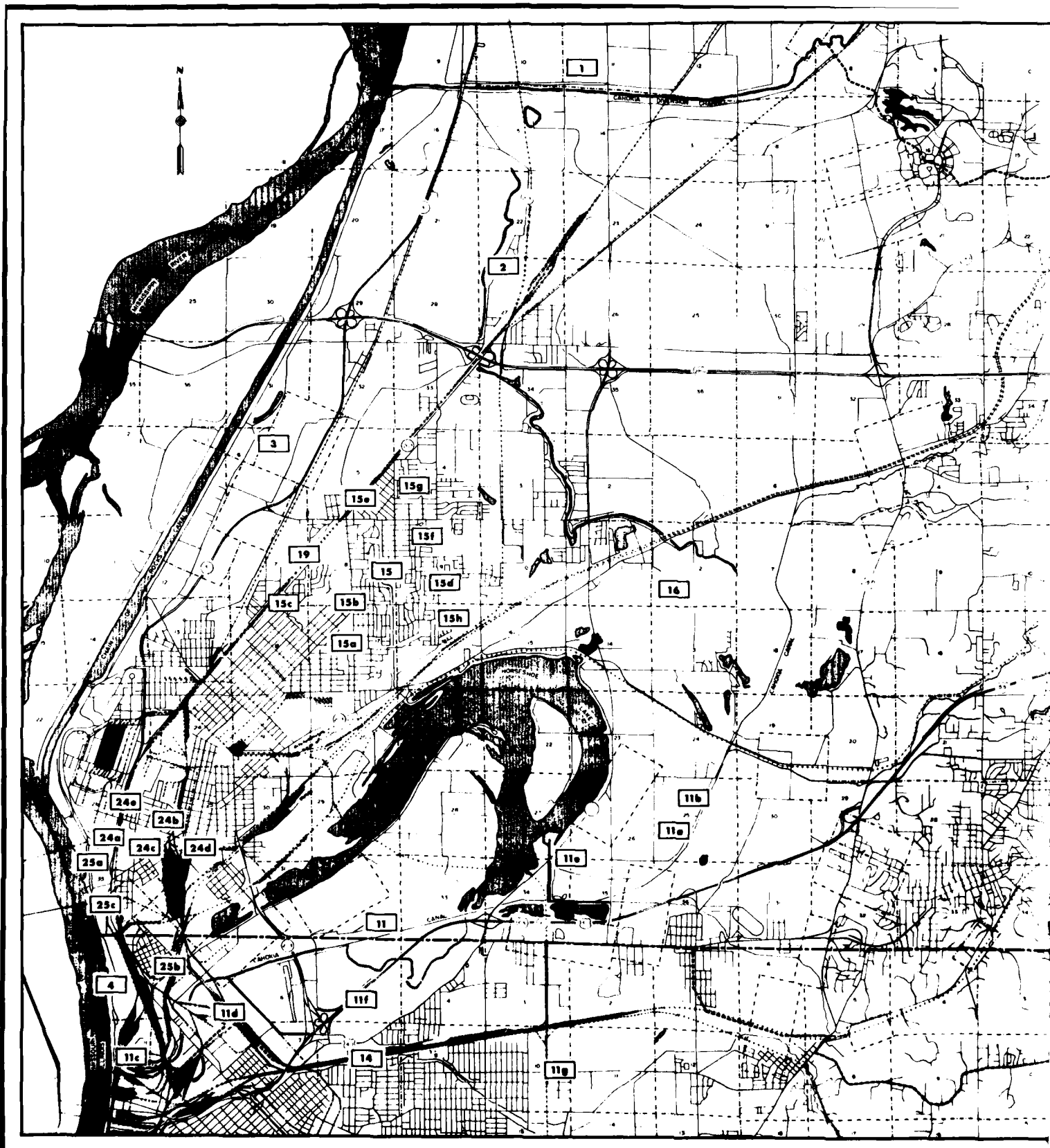


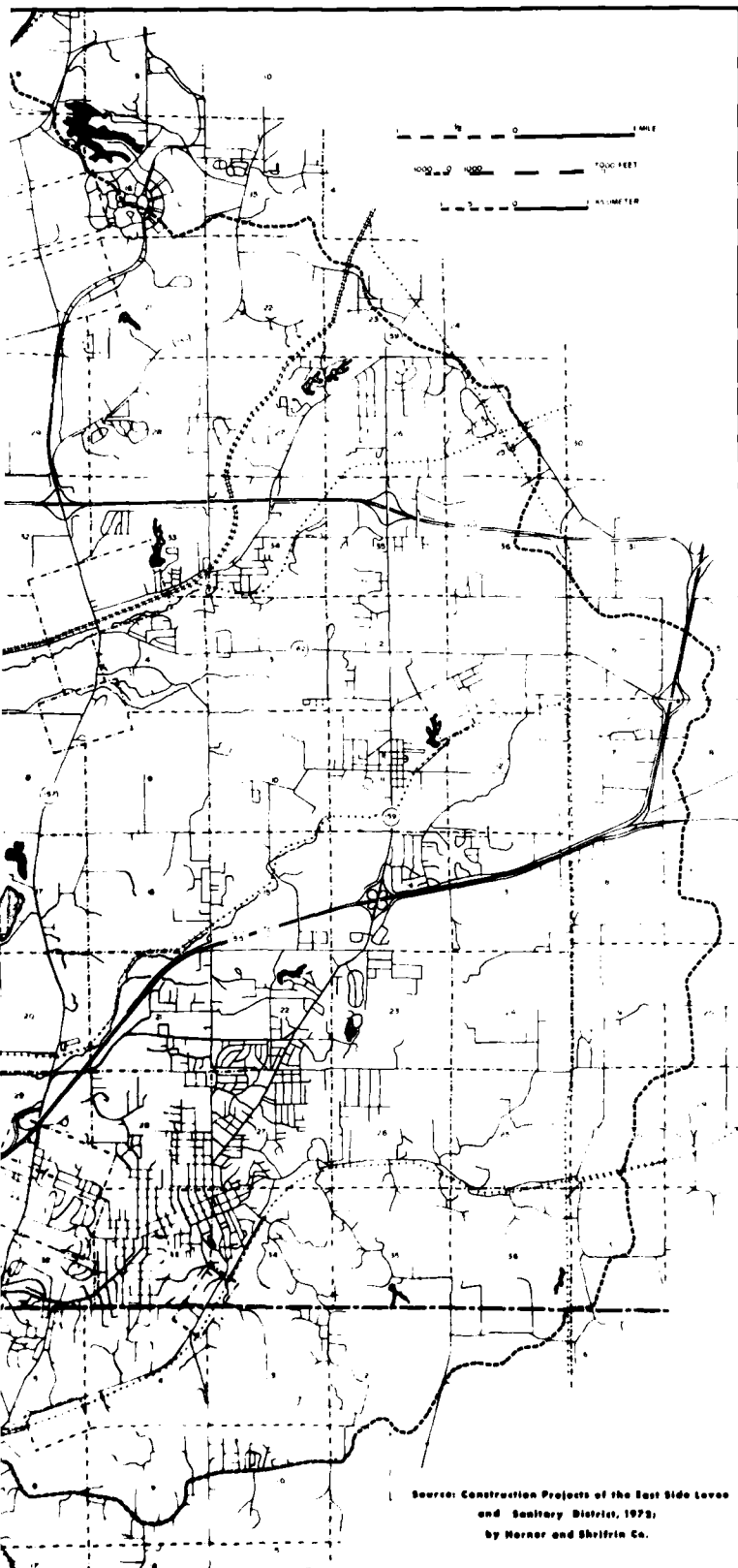
GENERALIZED EXTENT OF THE INUNDATED AREA

Source: 1910 Message of President M. D. Sexton
of the East Side Levee and Sanitary District

Cartography by Tom Alken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert L. Knappe</i>	FLOOD OF 1903
	Figure 1-6 Plate number



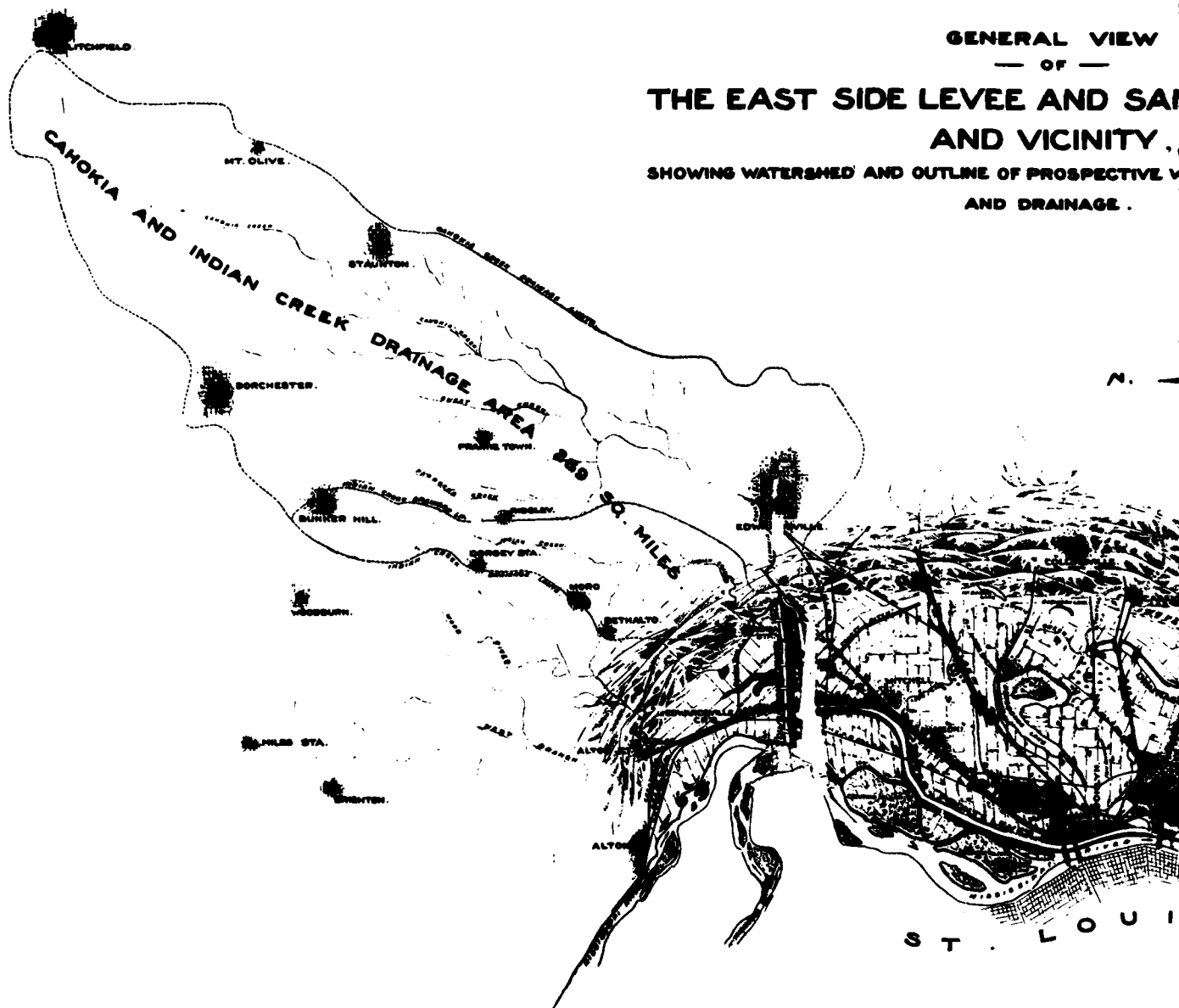


1. Cahokia Creek Diversion Channel and North Flank Levee to Bluff.
2. Front Levee, Cahokia Creek Diversion Channel to Mitchell.
3. Front Levee, Mitchell to Merchants Bridge.
4. Front Levee, Merchants Bridge to Terminal Railroad.
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 - 25c. Venice Pumping Station.

Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert I. Kuyke</i>	CONSTRUCTION PROJECTS
	EAST SIDE LEVEE AND SANITARY DISTRICT THROUGH 1972
Figure 1-7 Plate number	

GENERAL VIEW
— OF —
THE EAST SIDE LEVEE AND SANITARY DISTRICT
AND VICINITY,
SHOWING WATERSHED AND OUTLINE OF PROSPECTIVE
AND DRAINAGE.

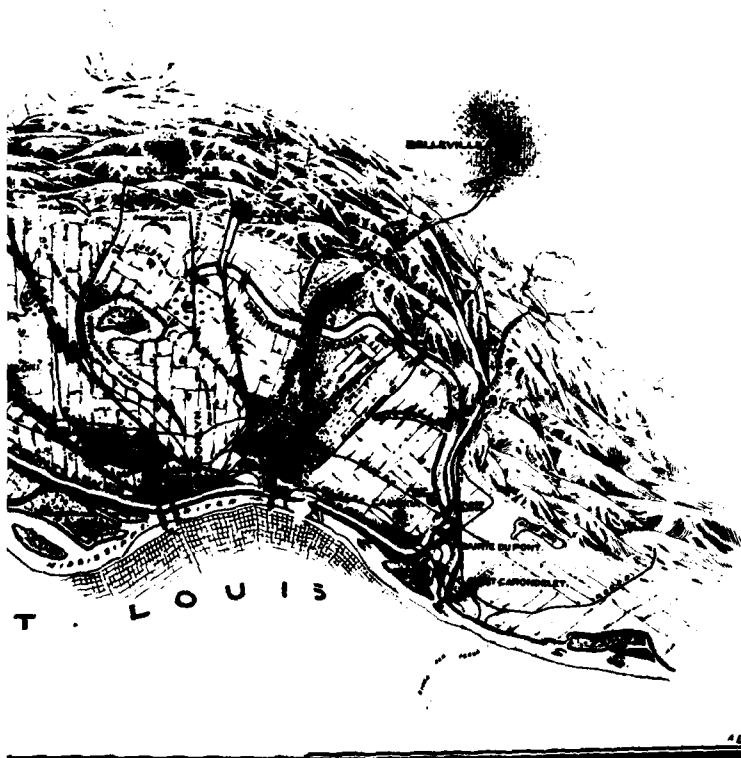
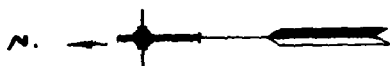


GENERAL VIEW

— OF —

**EVEE AND SANTARY DISTRICT
AND VICINITY,**

**LINE OF PROSPECTIVE WORKS FOR FLOOD CONTROL
AND DRAINAGE.**

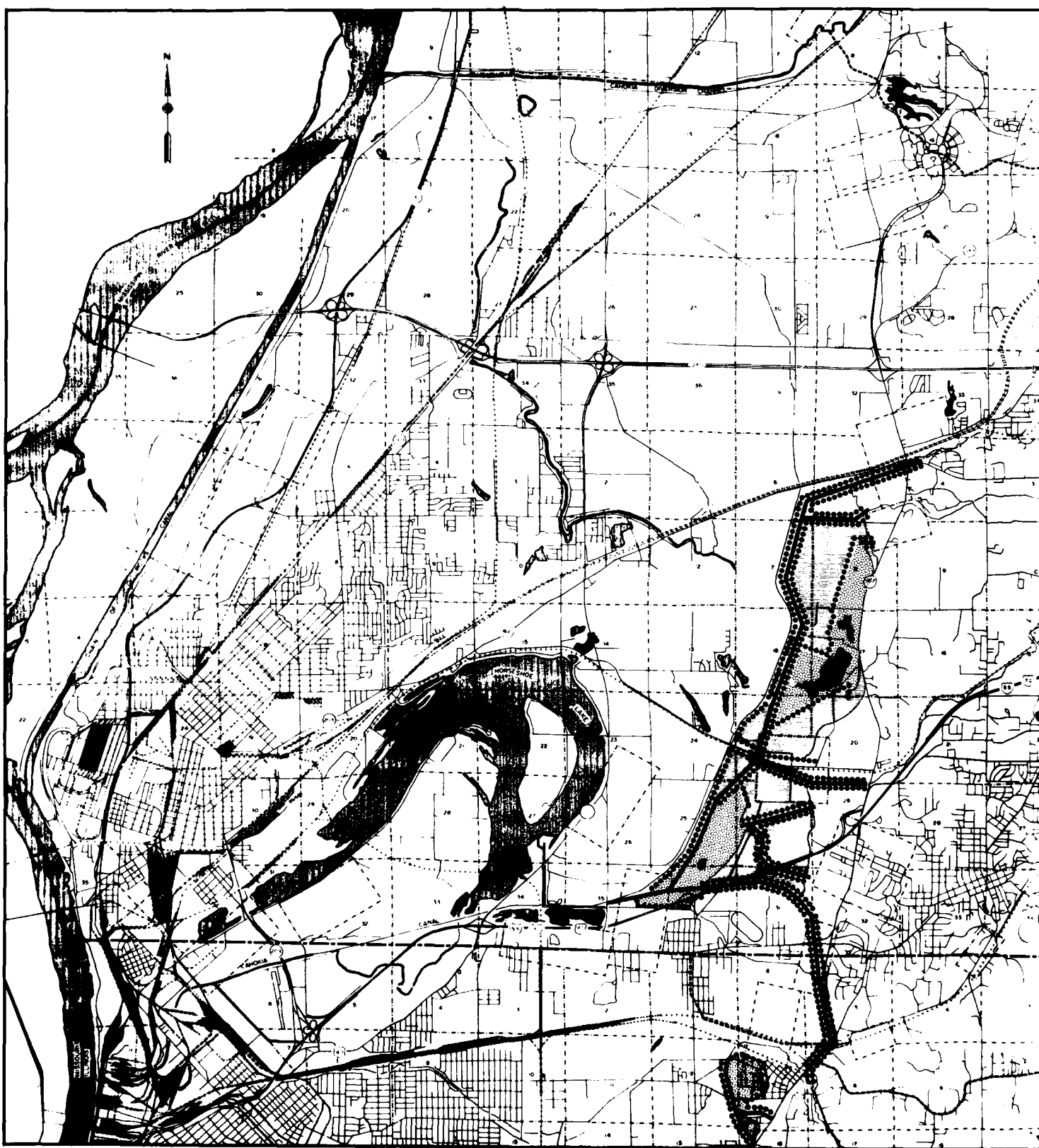


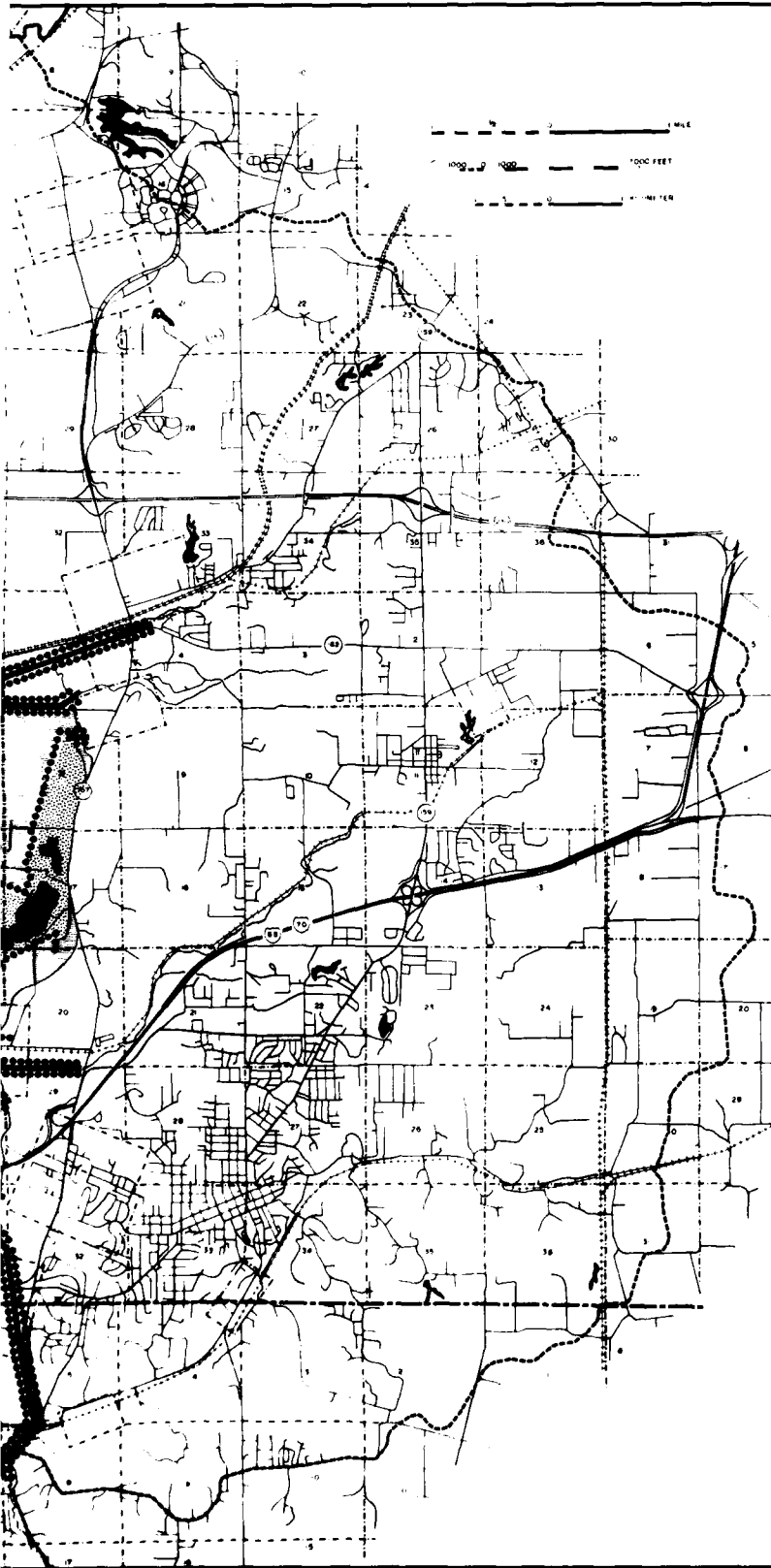
Source: In Message of President H. D. Sexton (1910)

The East Side Levee and Sanitary District

in St. Louis Public Library

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Ronald L. Kuylen</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA PROSPECTIVE WORKS FOR FLOOD CONTROL AND DRAINAGE E S L S D -- 1910 Figure I-8 Photo number



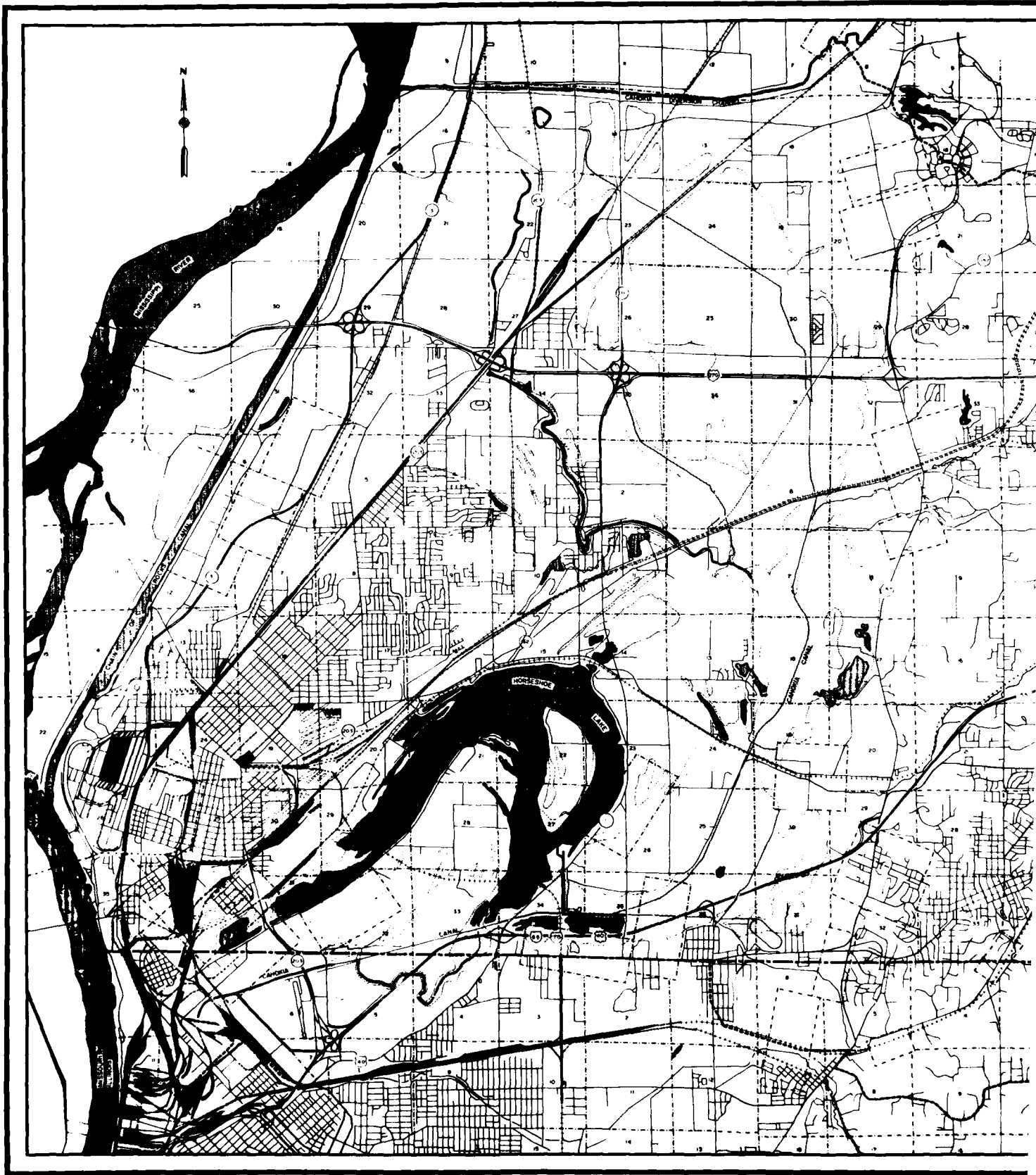


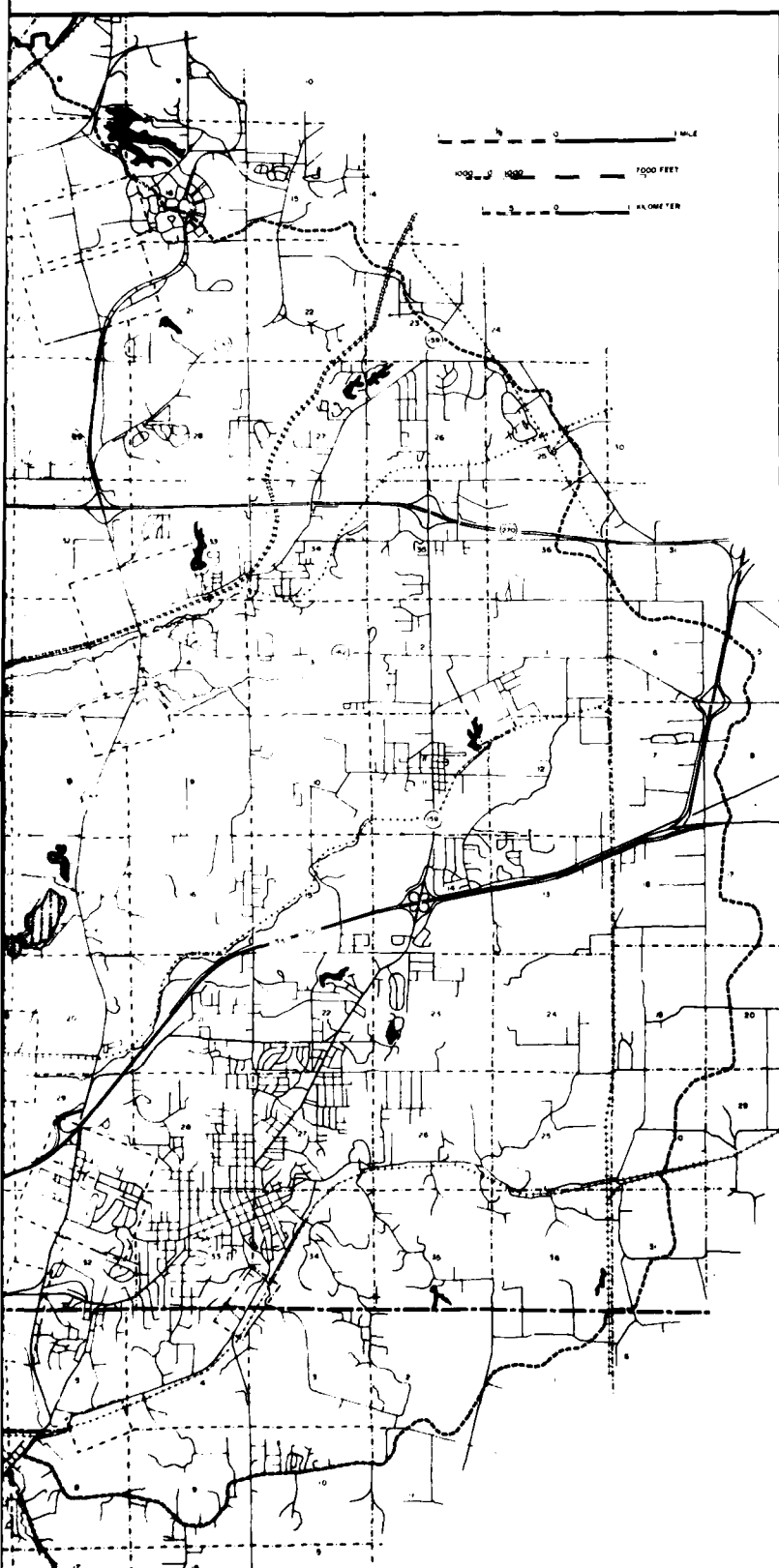
- PROPOSED LEVEE
- PROPOSED CHANNEL
- ▨ LIMITS OF STORAGE AREA - 100 YEAR STORM
- LIMITS OF STORAGE AREA - DESIGN STORM

Source: Illinois State Department of Public Works and Buildings, Division of Waterways.
Proposed Hillside Diversion Project Madison and St. Clair Counties, Illinois, 1950.
Sheet No. 11

Cartography by Tam Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert C. Murphy</i>	<p>ILLINOIS DIVISION OF WATERWAYS</p> <p>PROPOSED HILLSIDE DIVERSION PROJECT</p> <p>ST. CLAIR AND MADISON COUNTIES</p> <p>1950</p> <p>Figure 1-9 Plate number</p>

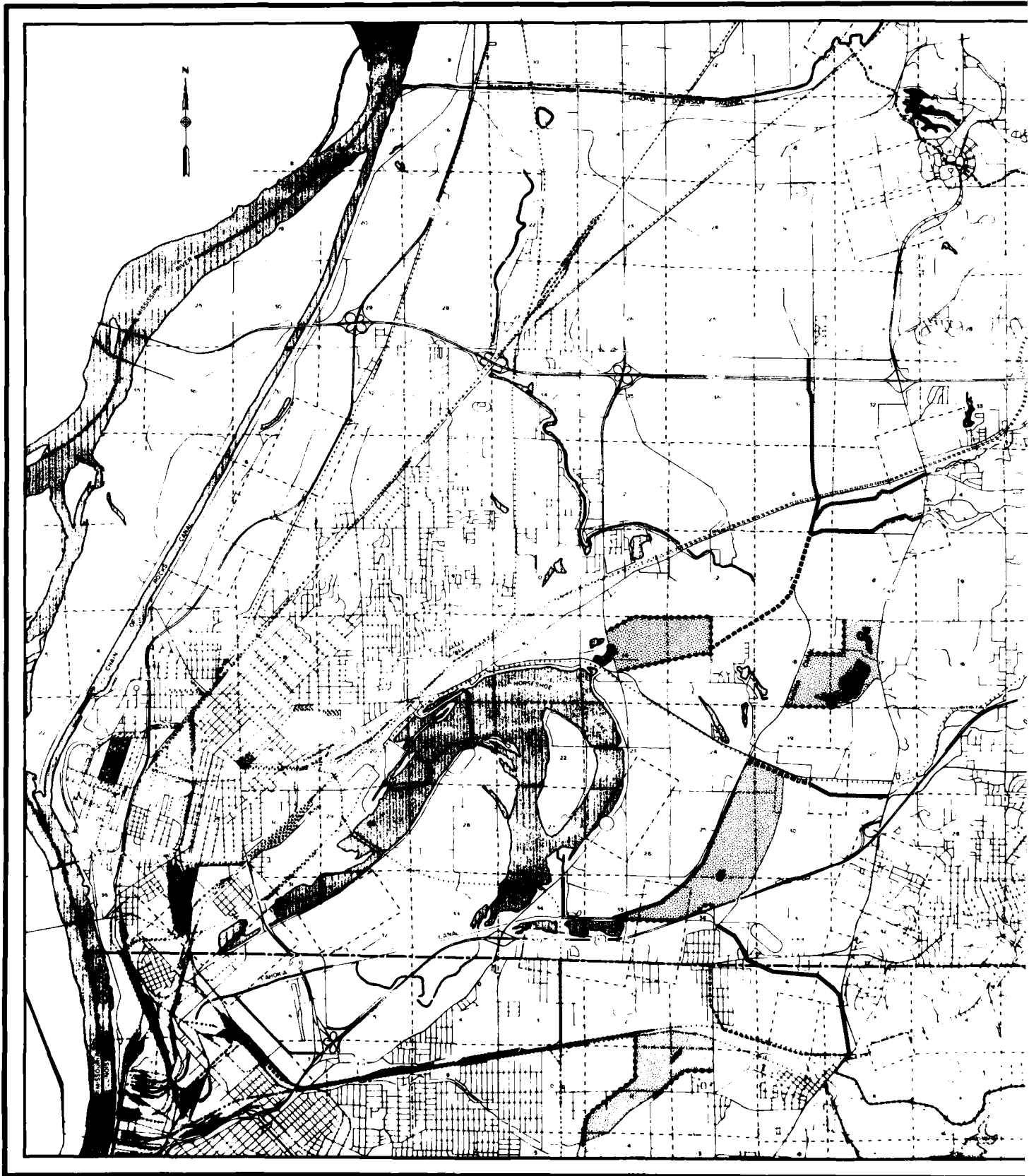


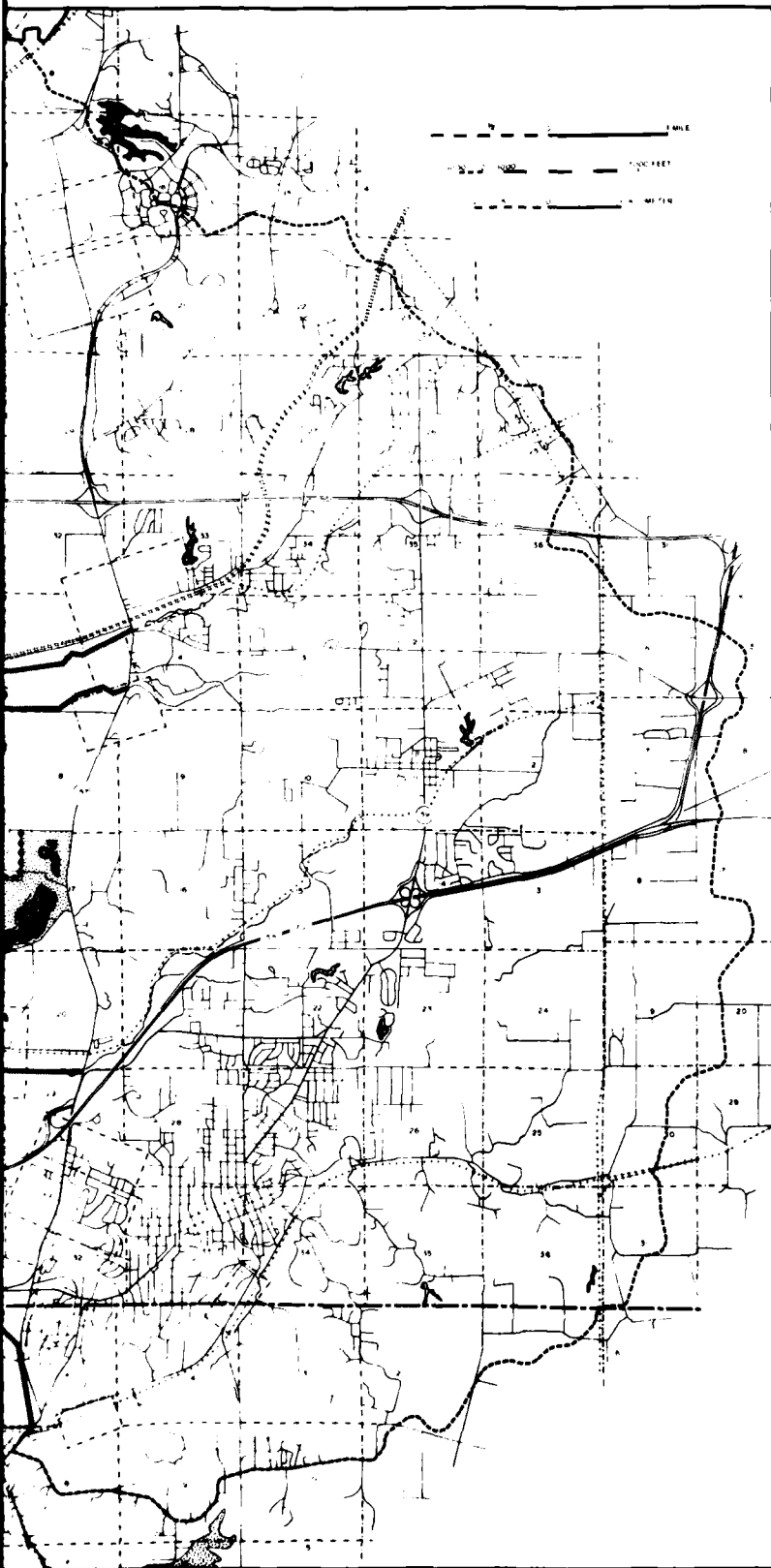


SOURCE: Areas Computed From Hydrographic Data for Map of Inundated Areas.
 U. S. Army Engineer District, St. Louis - Corps of Engineers, St. Louis, Missouri.
 Review Survey Report, Interior Flood Control Improvements,
 East St. Louis and Vicinity, Ill., November, 1962.

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Edward J. Louis</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA AREA FLOODED BY 50 - YEAR CRITERIA STORM* (1962 Report)

Figure 1-10 Plate number



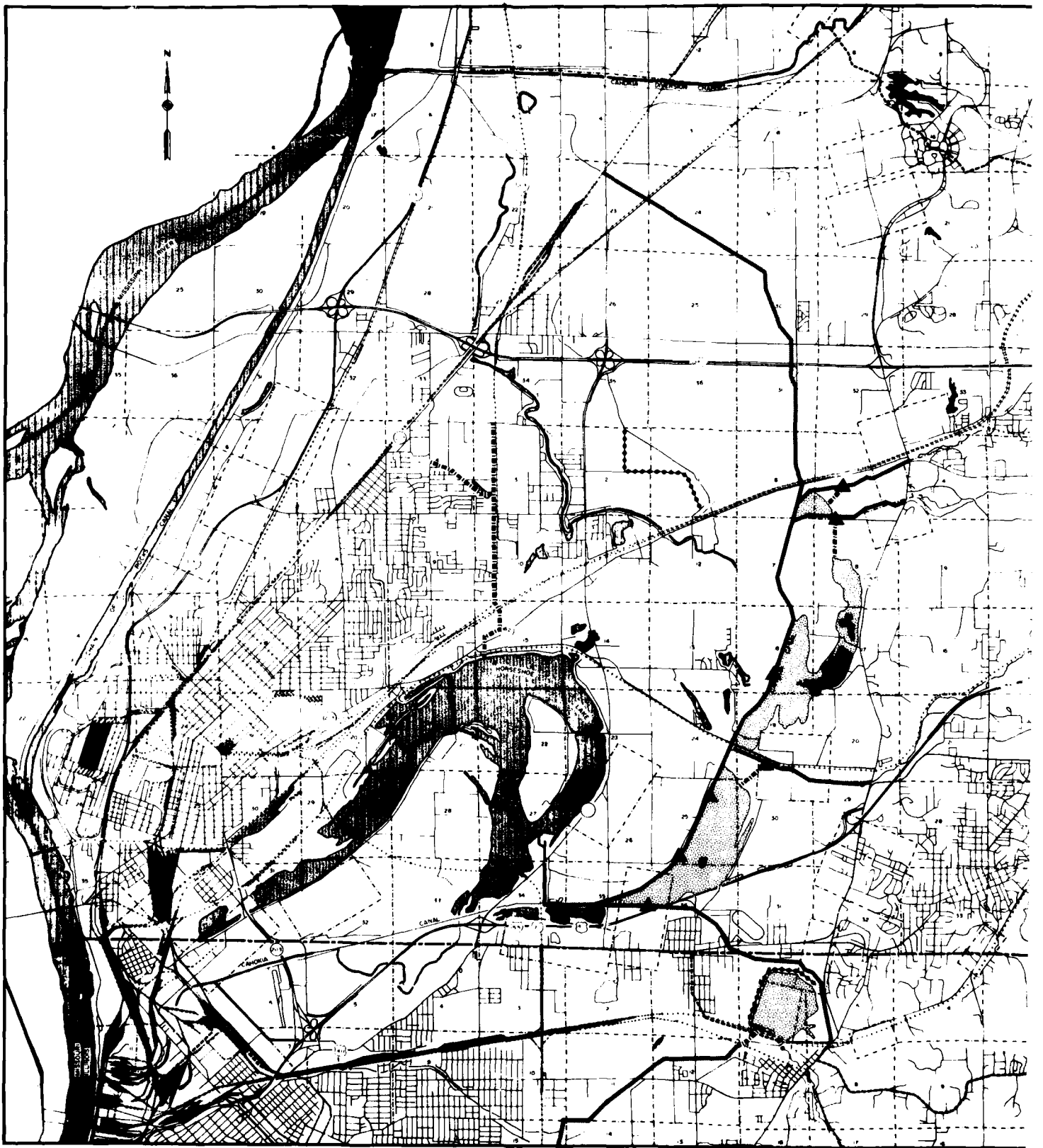


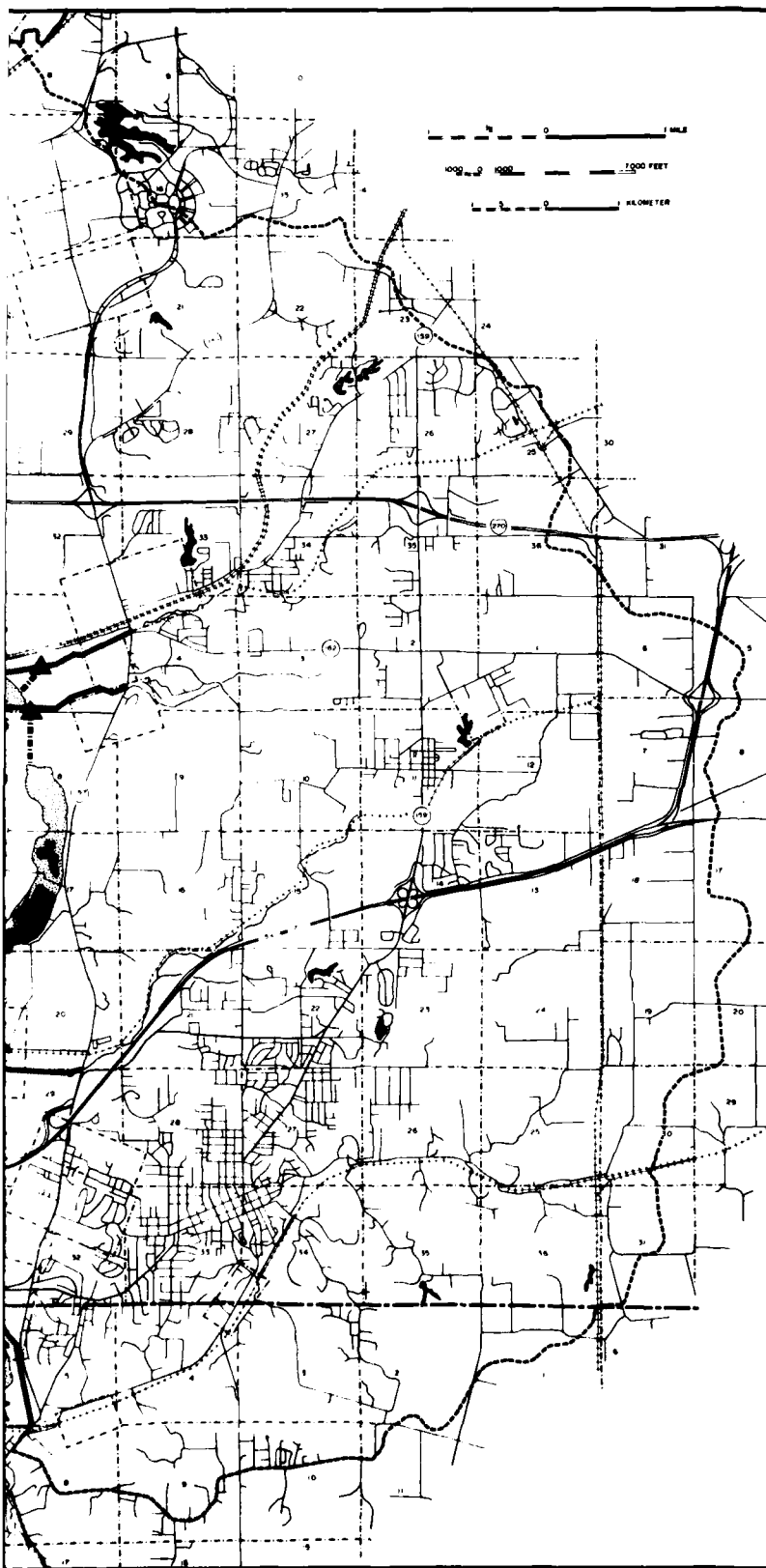
-  **NEW RETENTION AREAS**
-  **NEW CHANNEL**
-  **CHANNEL IMPROVEMENTS**
-  **NEW LEVEES**






Source: Review Survey Report, Interior Flood Control Improvements
East St. Louis and Vicinity, Ill., 1964.
U S Army Engineer District, St. Louis; Corps of Engineers.
House Document #319.

Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert H. Kogut</i>	U S ARMY CORPS OF ENGINEERS INTERIOR FLOOD CONTROL IMPROVEMENTS 1964
	(PROPOSED)
Figure 1-11 Plate number	





-  **DETENTION AREA**
-  **NEW CHANNEL**
-  **CHANNEL UPGRADING**
-  **LEVEES**
-  **SPILLWAY**

Source: Plan for Major Drainage:
American Bottoms and Hillside Drainage Area:
SIMAPC, 1975; Plate 20.

Cartography by Tom Aiken

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

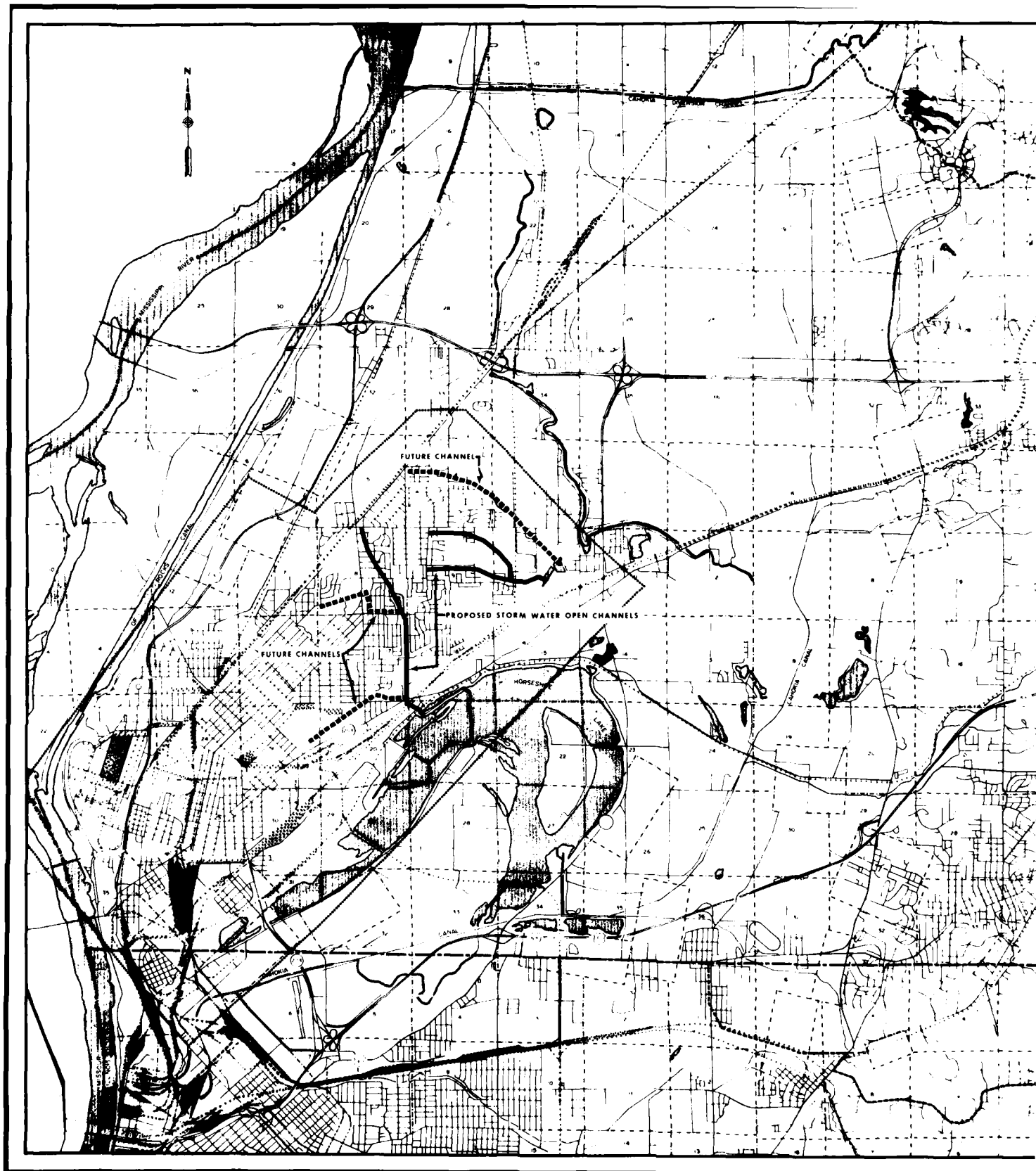
Robert L. Kuyper

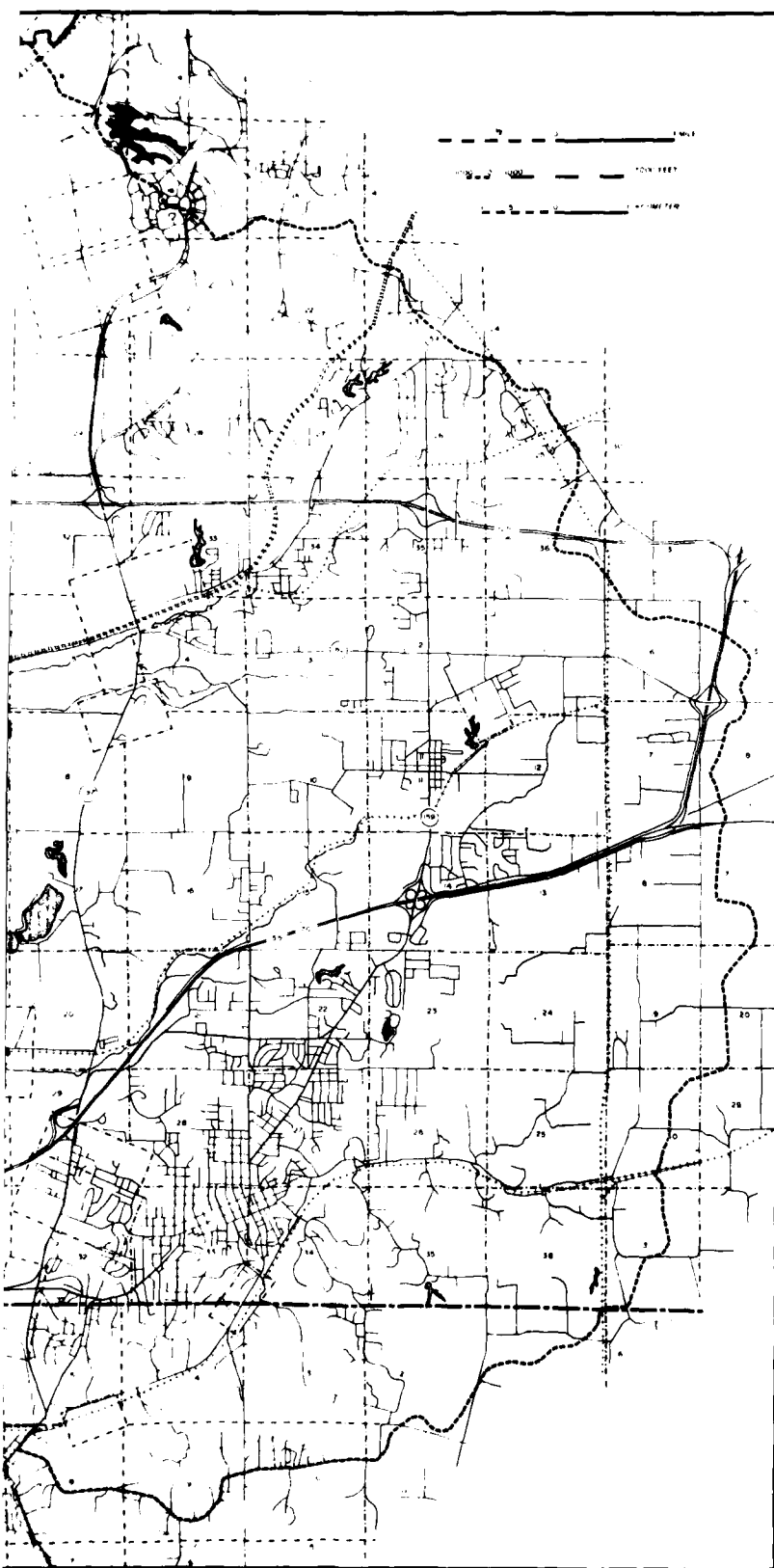
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

**SIMAPC PLAN FOR MAJOR DRAINAGE
1975**

Figure 112 Plate number





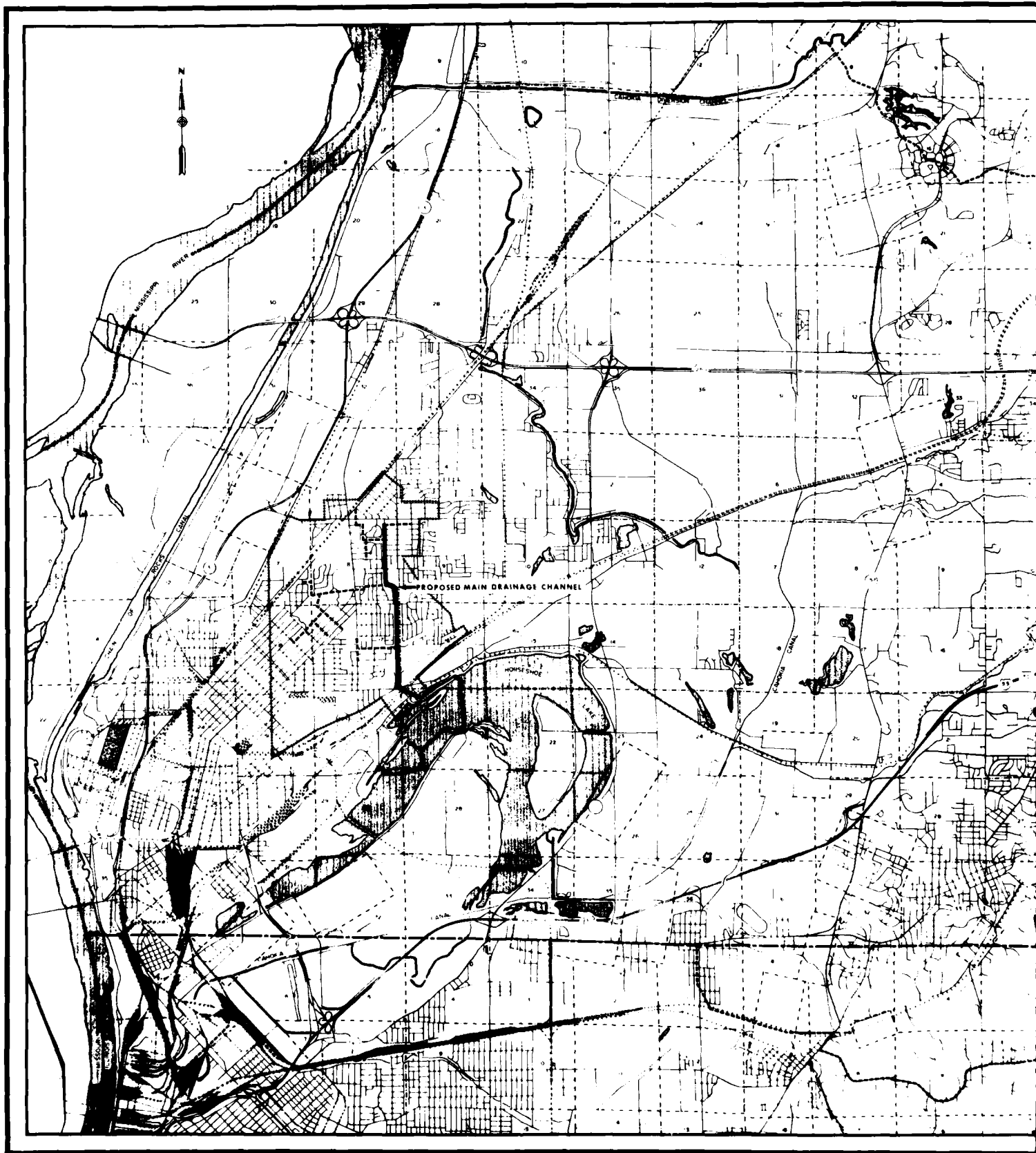
SOURCE: 'Investigation of Existing Sewers and Pumping Stations with the Development of a Master Plan of Trunkline Relief Sewers and Pumping Stations for the Tri-Cities Area (Granite City, Madison and Venice) and Sanitary Outlet and Storm Water Drainage Outlets for Nameoki, in Madison County, Illinois.'

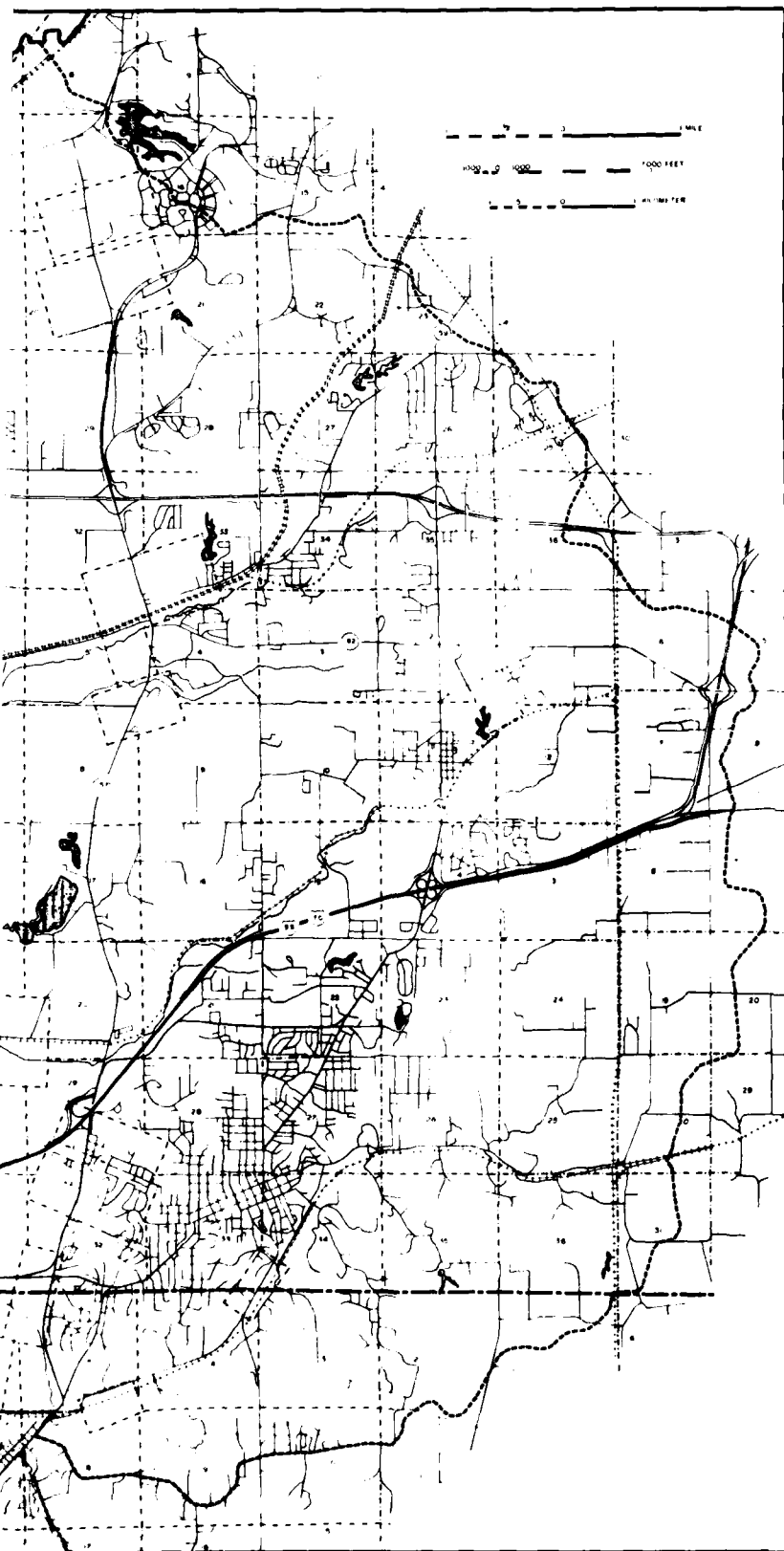
Horner & Shifrin Consulting Engineers
St. Louis, Mo.
Oct. 1943
Exhibit 7

Cartography by David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Robert E. Kopp</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA PROPOSED DRAINAGE FACILITIES DOBREY SLOUGH - NAMEOKI AREA HORNER & SHIFRIN 1943

Figure I-13 Plate number





Coverage of Horner and Shifrin map

MAIN DRAINAGE CHANNEL

CLOSED SEWER DRAINAGE LINES

SOURCE: Report Covering the Design of Storm Water Drainage Facilities for the Village of Nameoki, Illinois

Horner and Shifrin Consulting Engineers

St. Louis, Mo.

June 1946

Figure A

Cartography by David Clelland

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert S. Kopp

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

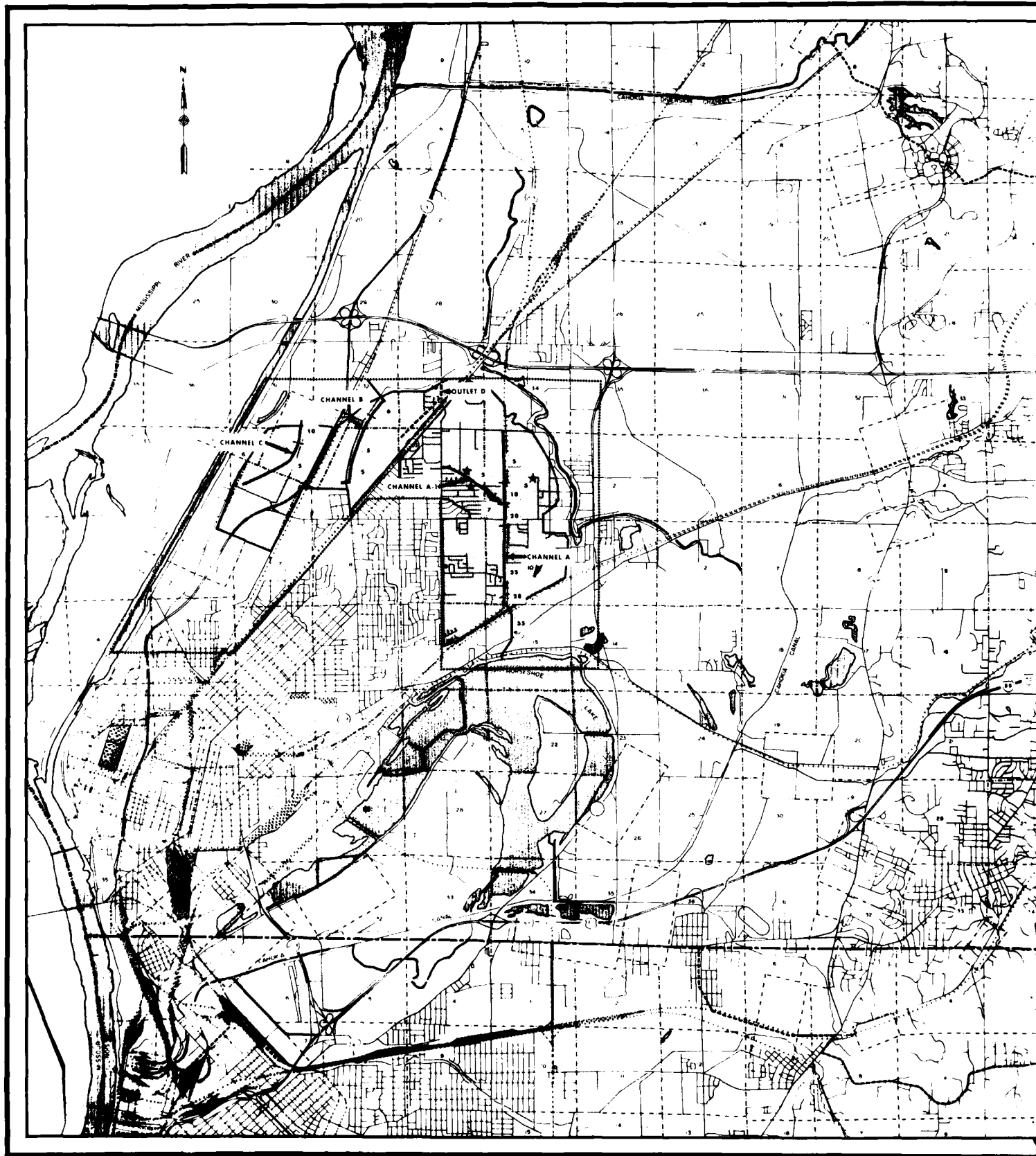
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

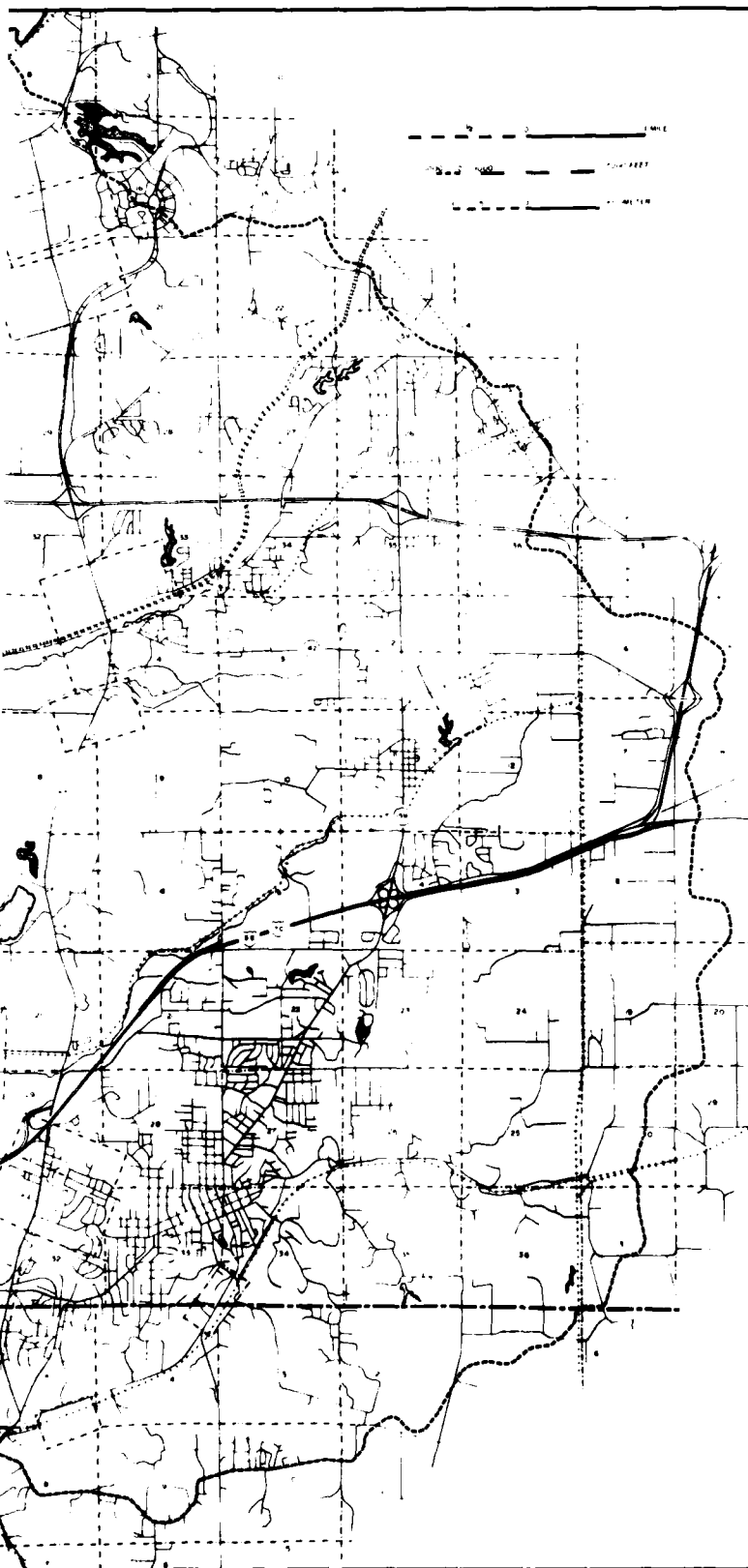
STORM WATER DRAINAGE FACILITIES

VILLAGE OF NAMEOKI

HORNER AND SHIFRIN JUNE 1946

Figure I 14 Plate number





Coverage of Sheppard, Morgan
& Schwaab map

DRAINAGE AREAS

★ FILL AREAS

CHANNEL WIDTH(in feet)

SOURCE: City of Granite City, Illinois
A Report on Storm Water Relief Sewers
Sheppard, Morgan & Schwaab,
Consulting Engineers, May 18, 1961.
Figure 11.1.

Cartography by David Clelland

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert E. Kuyper

U.S. Army Engineer District, St Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

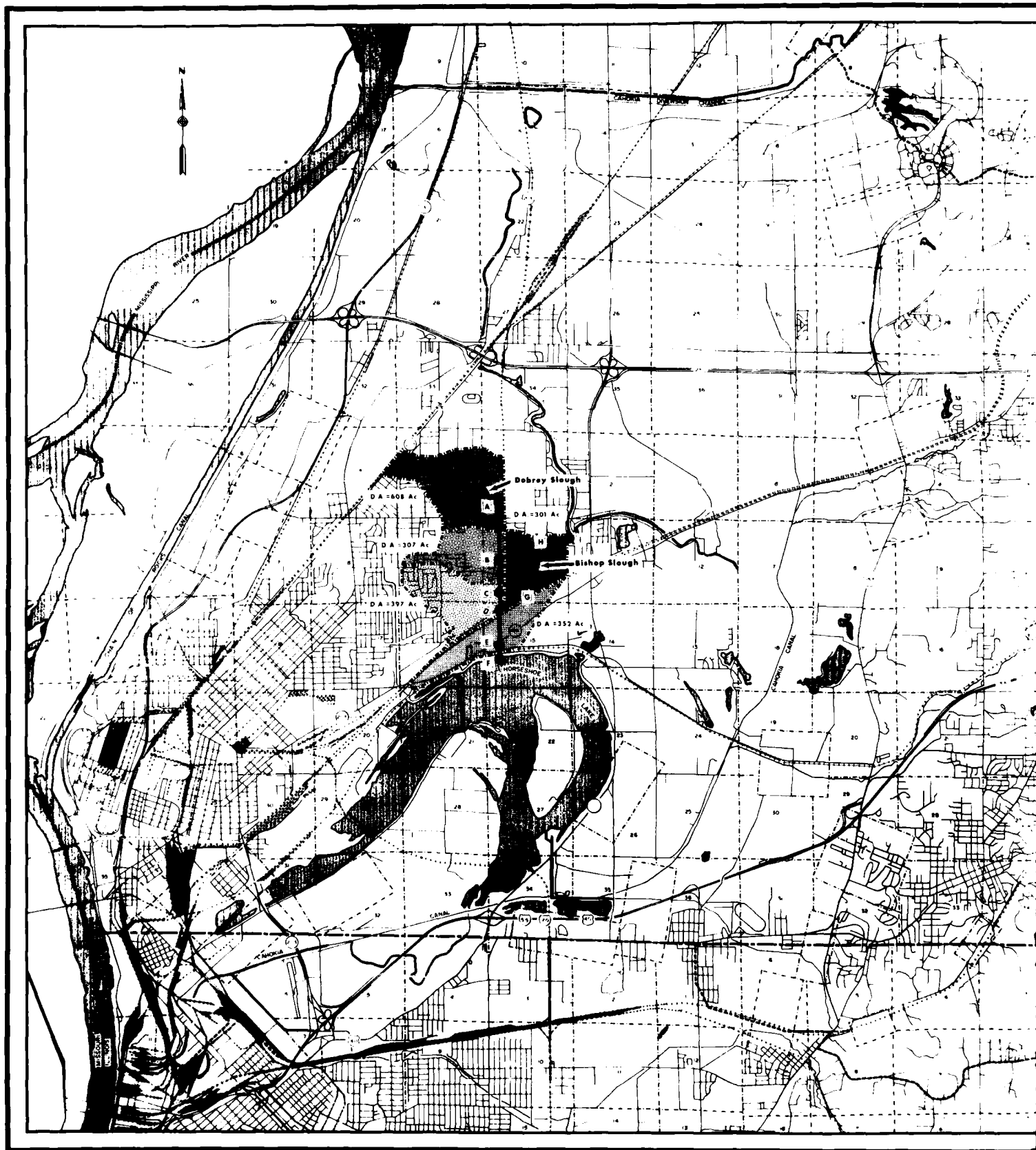
FRINGE AREA DRAINAGE FACILITIES

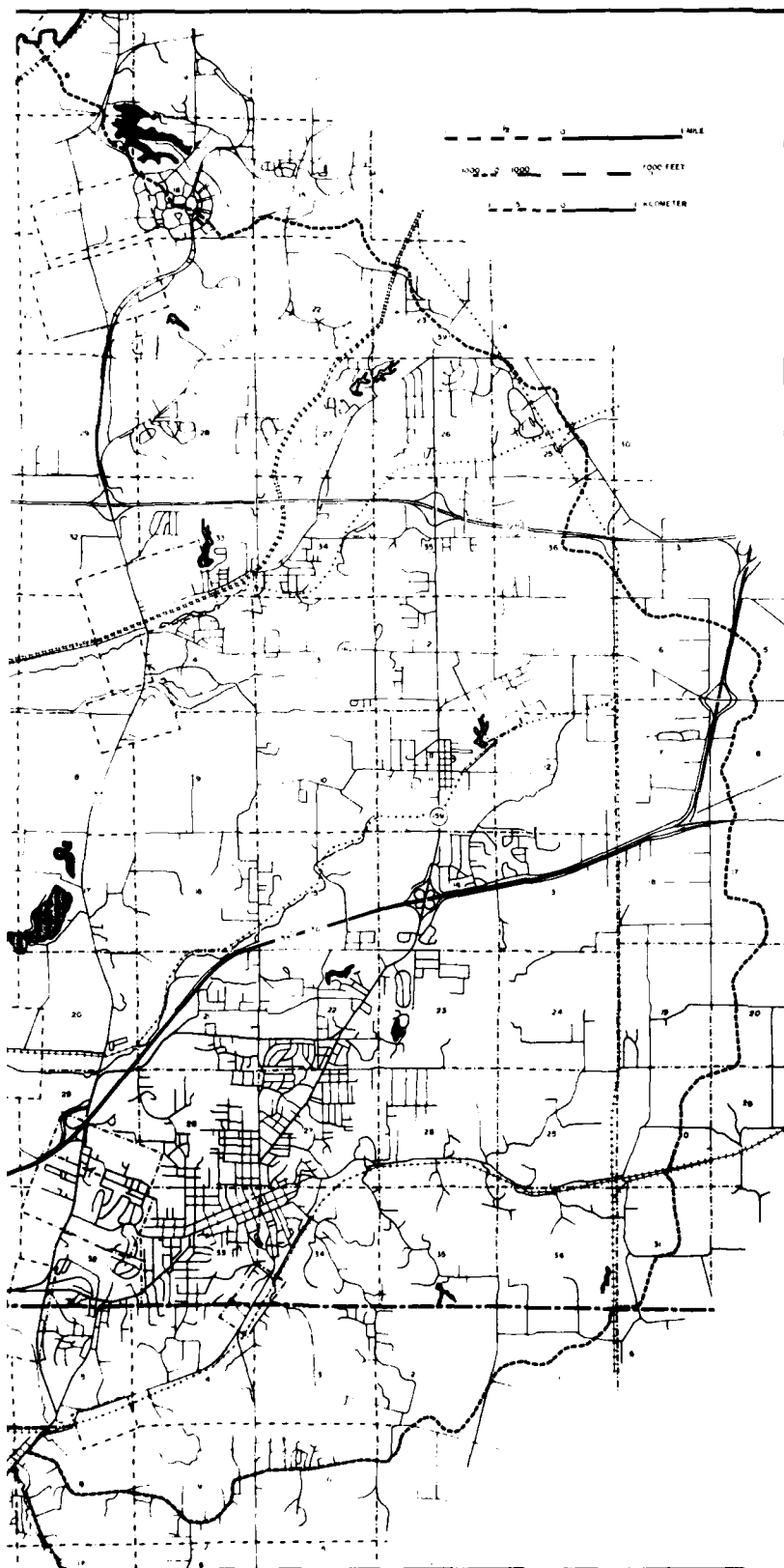
GRANITE CITY

SHEPPARD, MORGAN & SCHWAAB

1961

Figure 1-15 Plate number





WATERSHED BOUNDARY
(Total Drainage Area: 1,965 Ac.)

PROPOSED FLOOD WATER CONDUIT

PROPOSED LONG LAKE CONNECTOR

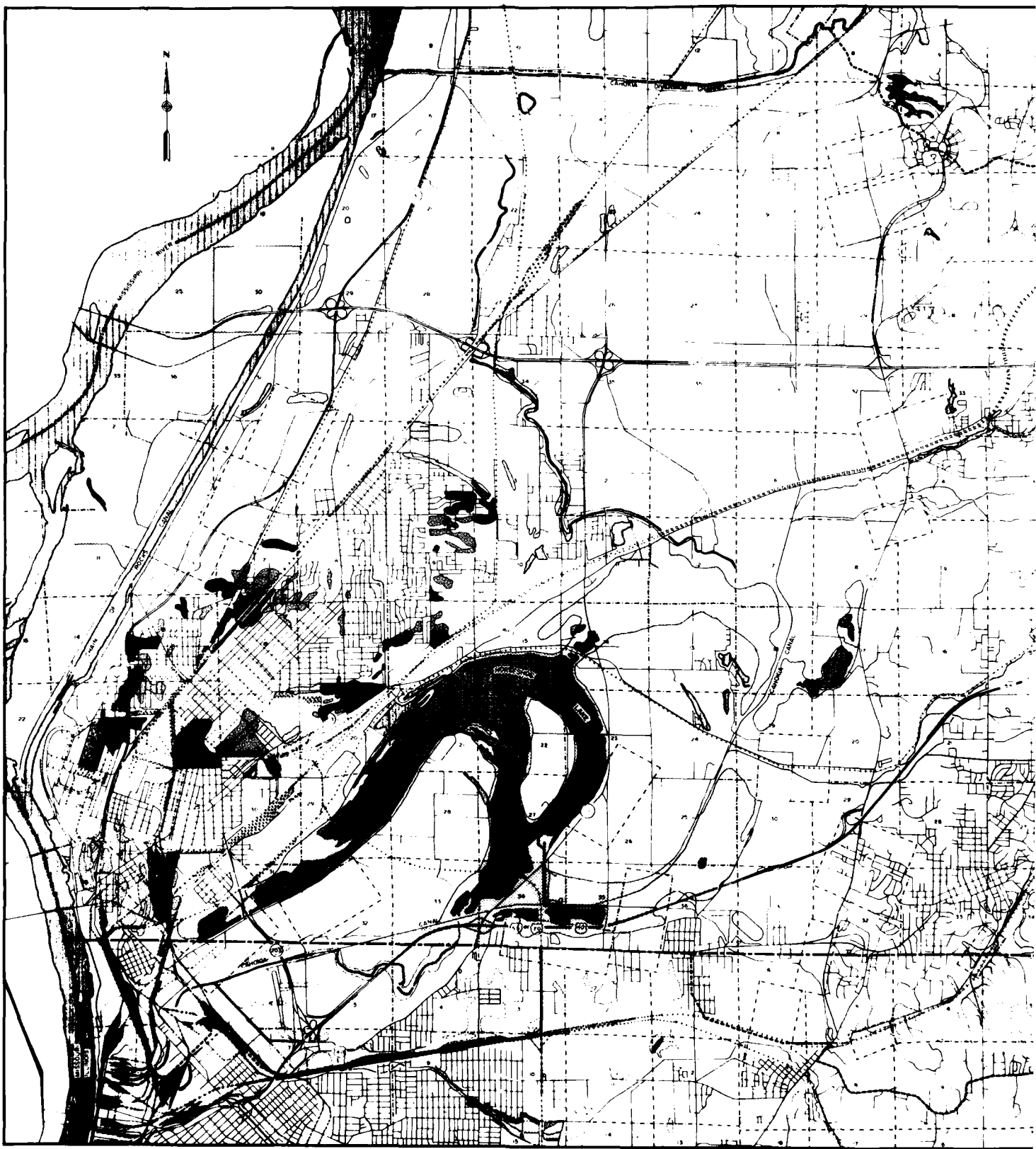
INFLOW POINTS
(A - E & G - J)

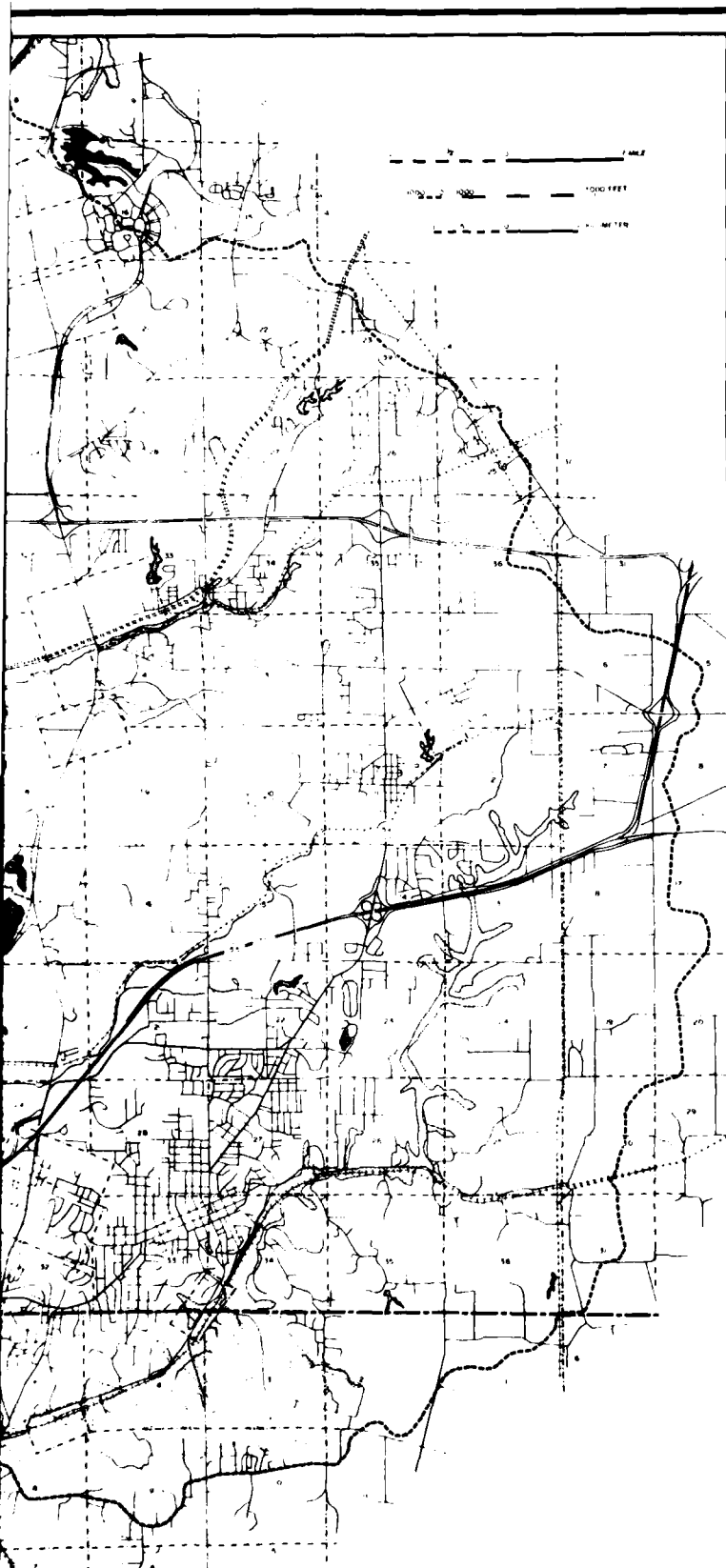
OUTFLOW POINT

Source:
Exhibit No. 2
Request for Public Law 99 Assistance, Dobrey Slough
Flood Water Conduit,
Corps of Engineers, St. Louis District, 1972.

Cartography by David Clotland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert L. Kozak</i>	DOBREY SLOUGH FLOOD WATER CONDUIT 1972
	Figure 118 Plate number





ZONE



A Areas of 100 Year Flooding.



AO Areas of 100 Year Shallow Flooding
With Average Flood Depth of 1 to 3 Feet.



AH Areas of 100 Year Shallow Flooding
With Flood Depth of 1 to 3 Feet.
Flood Elevations Determined.

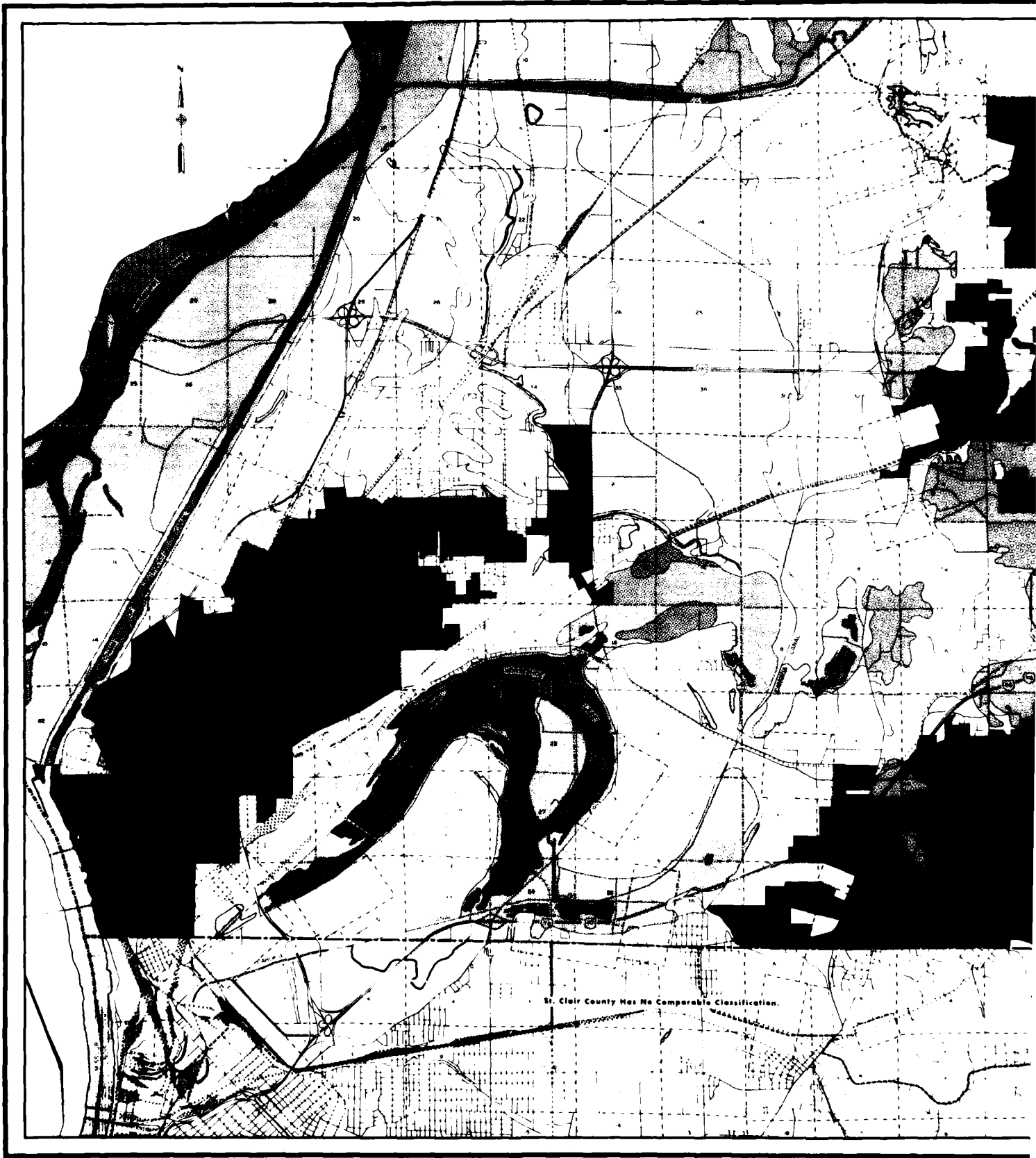


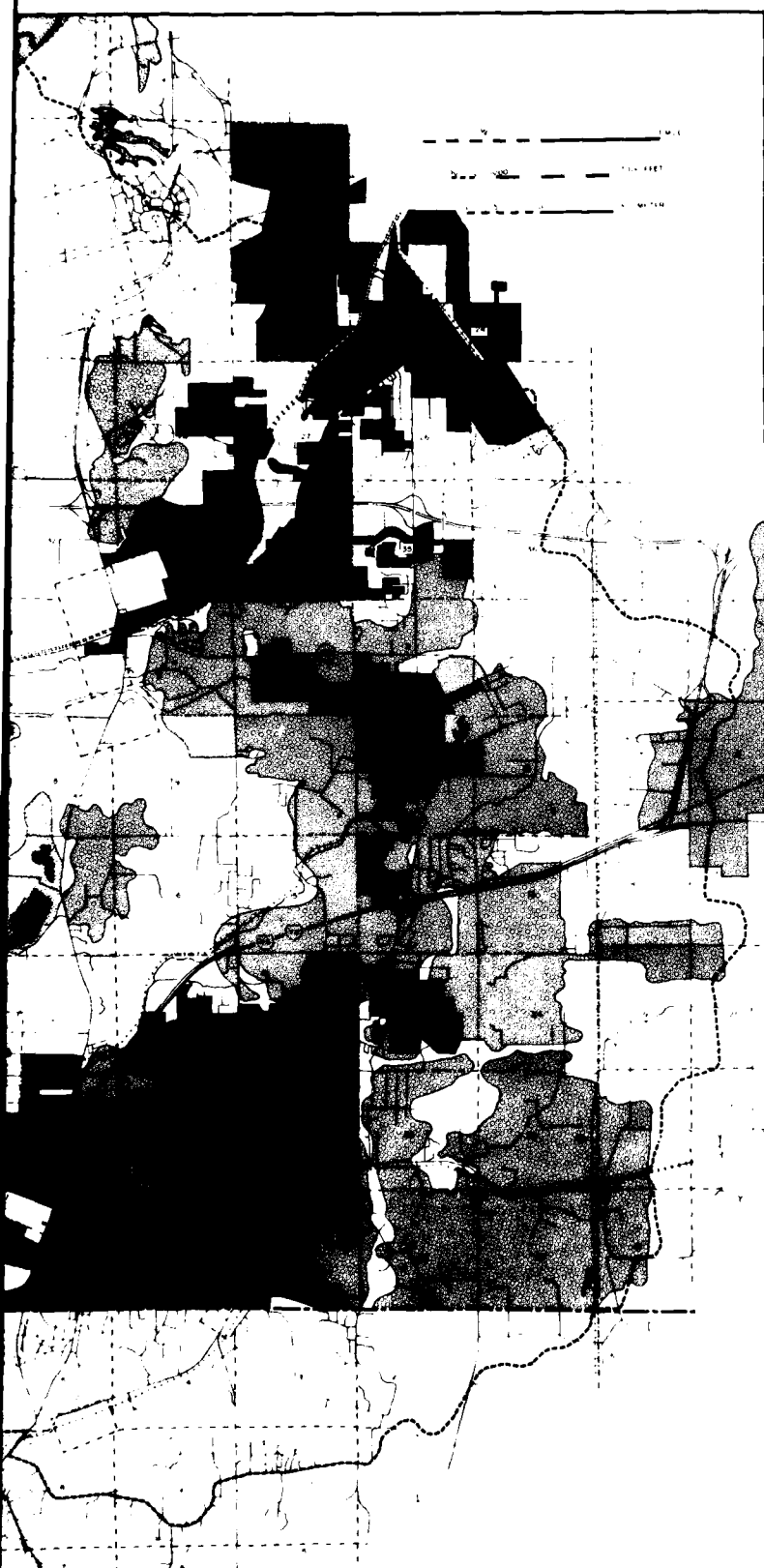
B Areas Between 100 and 500 Year Flood.





SOURCE: Flood Hazard Boundary Maps for Pontoon Beach(11/74), Madison(8/76),
Glen Carbon(5/76), Collinsville(4/76), Madison County II.(1/75),
sheets 28,29,30,34,35,36,37,41,42,43,44,
Flood Insurance Rate maps of Venice and Granite City (1/76), pages 1-3,
Washington Park(6/79), Fairmont City(1/79),
Flood Hazard Boundary Map H-01-43, St. Clair County, II.(5/76), pages 1-3. (Uninc. Areas),
Flood Hazard Boundary Maps of Brooklyn(4/76), Caseyville(12/76),
U.S. Dept. of Housing and Urban Development
Federal Insurance Administration.

Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert C. Kozak</i>	FLOOD HAZARD AREA Figure 117 Plate number



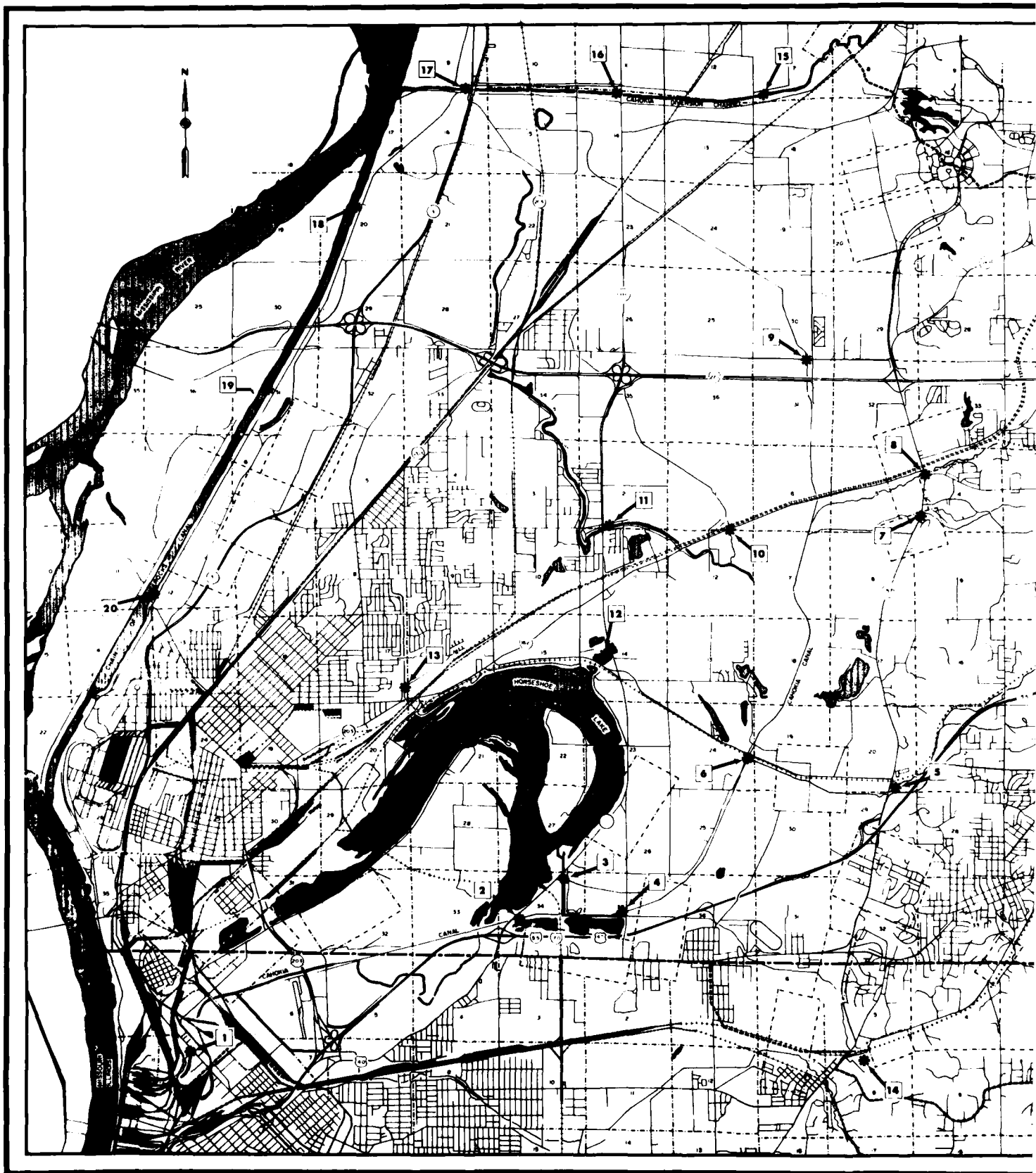


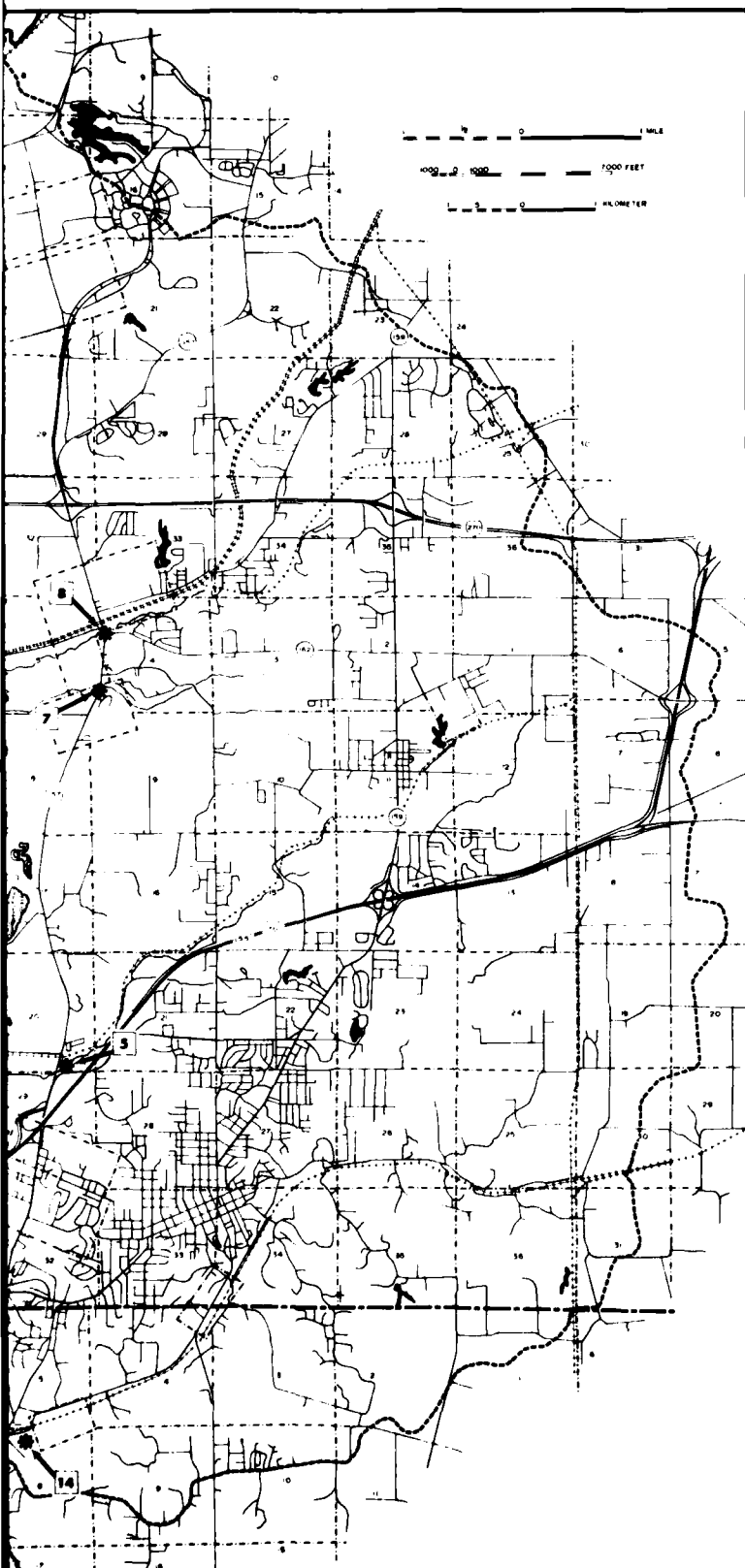
-  WET SOILS ACT
-  FLOOD HAZARD AREAS
-  MINED OUT AREAS
-  MUNICIPALITIES

Source: The Zoning Map Overlays of Chouteau, Collinsville, Edwardsville, Jarvis, Nameoka and Pin Oak Townships in Madison County, Illinois 10/78

Cartography by Tom Aiken

<p>ENVIRONMENTAL HAZARDS</p>	<p>U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri</p>
	<p>East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA</p>
<p>Prepared under the direction of <i>Tom Aiken</i></p>	<p>ENVIRONMENTAL HAZARDS SHOWN ON MADISON COUNTY ZONING MAPS</p>
<p>Figure 118 Plate number</p>	

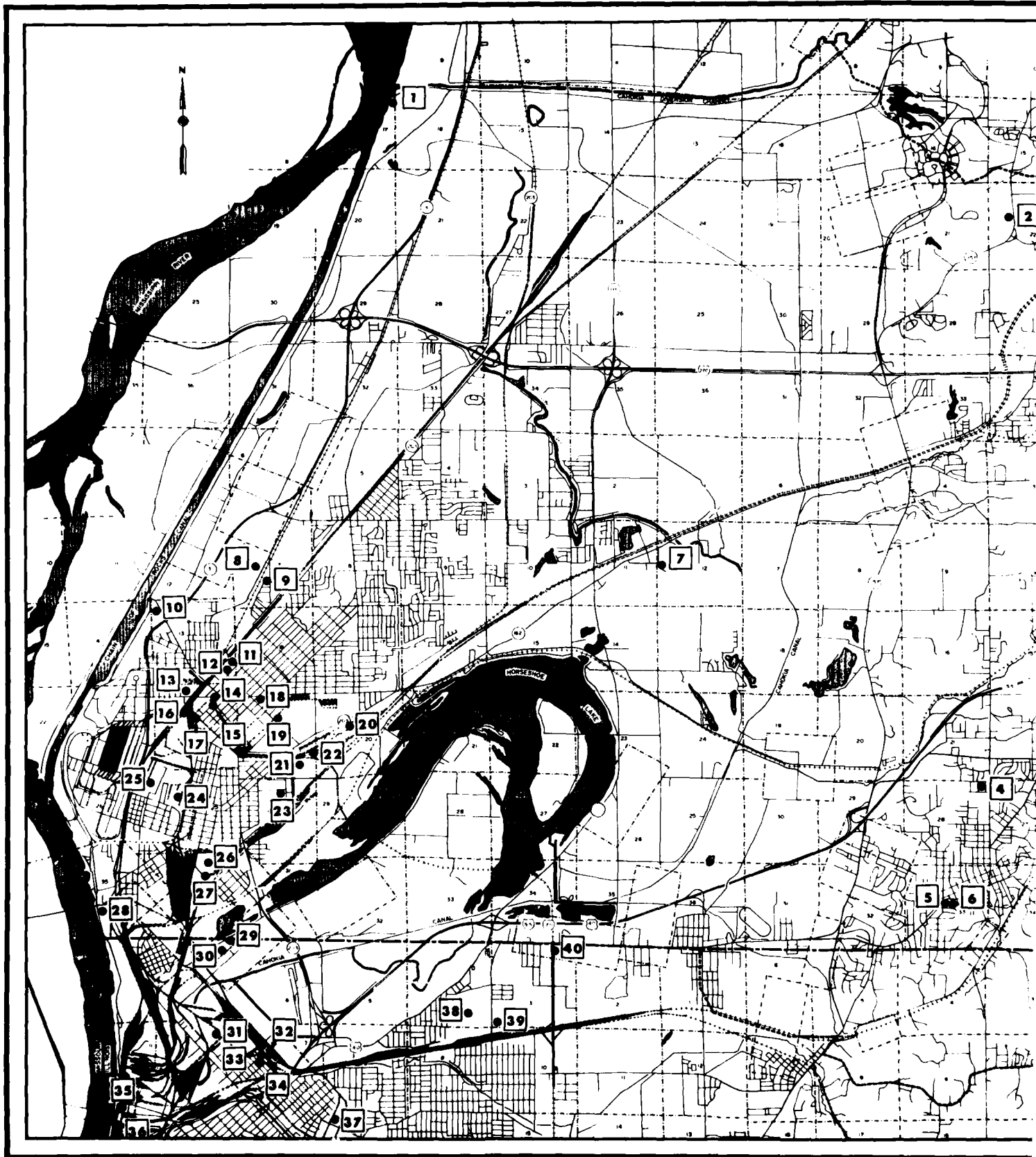


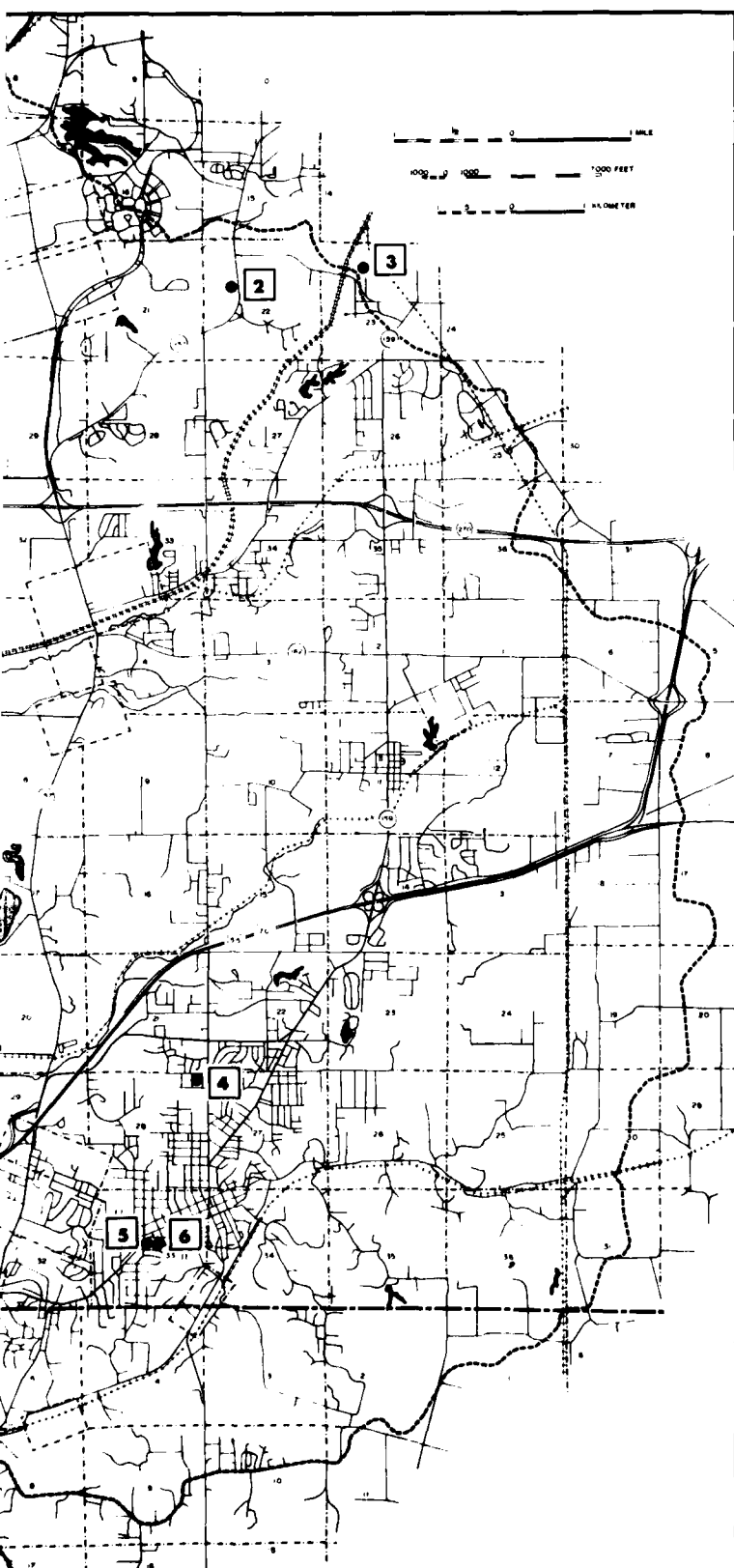


SAMPLING SITES

- 1 - 14 CAHOKIA CANAL DRAINAGE
- 15 - 17 CAHOKIA DIVERSION CHANNEL
- 18 - 20 CHAIN OF ROCKS CANAL

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>James E. Thompson</i>	WATER QUALITY SAMPLING SITES
Figure II 1 Plate number	





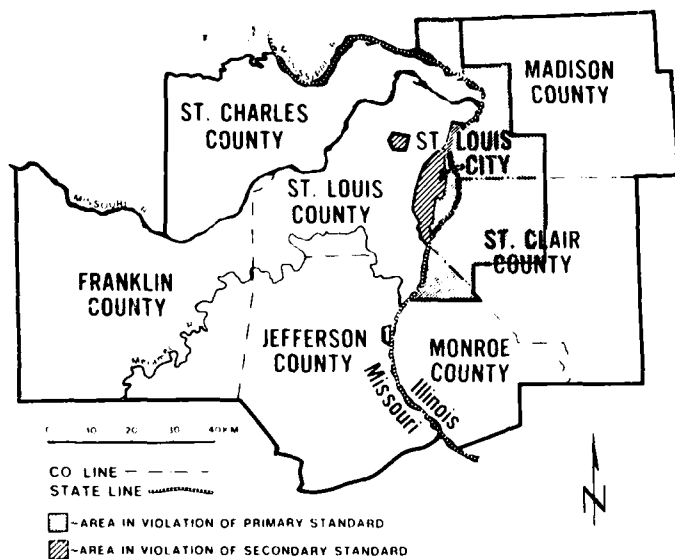
1. Marathon Pipeline
2. Yates Concrete
3. Hamlin Casting Corp.
4. Culfero Mills
5. K&K Concrete Co.
6. Macclair Asphalt
7. Illinois Power Co. Stalling
8. A. O. Smith
9. Reeves Concrete Products
10. Tri-City Regional Port District
11. Jennison-Wright Corp.
12. The Nestle Co., Inc.
13. American Steel Foundries
14. Nesco Steel Barrel
15. Arnette Pattern Co.
16. U.S. Army St. Louis Support Center
17. NI Industries
18. St. Elizabeth Hospital
19. International Mill Service
20. Granite City Steel
21. Reilly Tar & Chemical
22. St. Louis Slag Products
23. Swift Chemical
24. Owens Illinois Forest Products
25. Conalco Inc.-Madison Works
26. Laclede Steel
27. Moss-American Inc.
28. Union Electric-Venice Power Station
29. USS Agri-Chemical
30. ConAgra, Inc.
31. Swift Fresh Meats Co.
32. St. Louis Auto Shredding
33. Hunter Packing Co.
34. Circle Packing
35. Apex Oil Co.
36. High Service Pumping
37. Pfizer
38. Allied Chemical Co.
39. Swift Chemical
40. FS Services

SOURCE: Illinois Environmental Protection Agency, 1977.

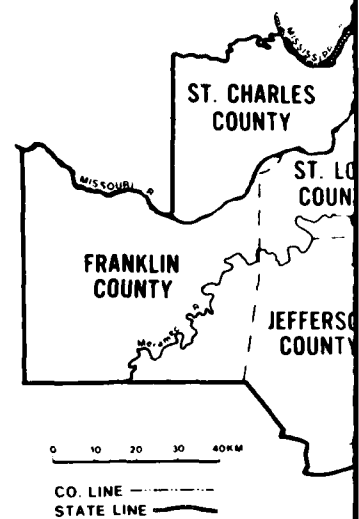
Cartography by David C. Carroll

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	STATIONARY AIR POLLUTION SOURCES BY FIRM 1977
Prepared under the direction of	Figure III-1 Plate number

Total Suspended Particulate Nonattainment Areas

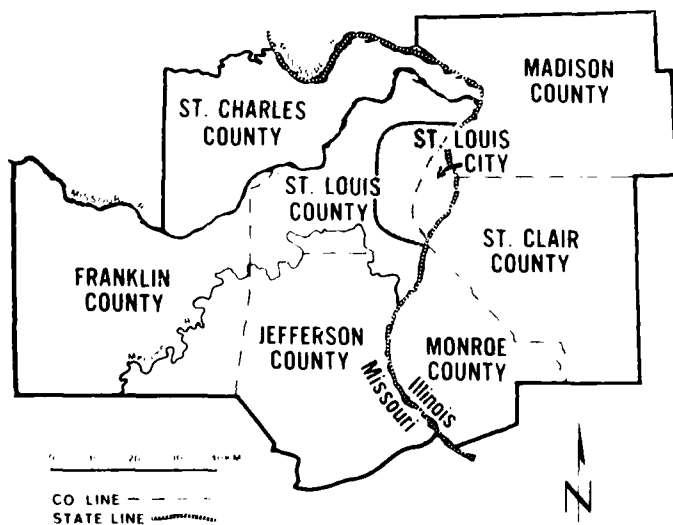


Sulfur Dioxide Nonattainment Areas

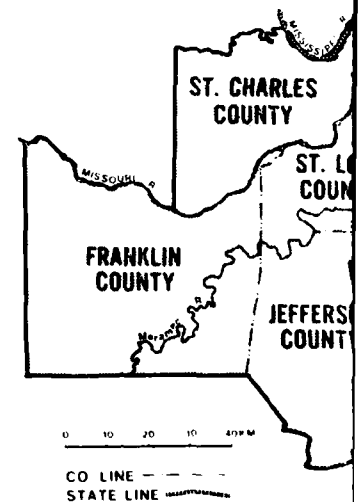


EPA

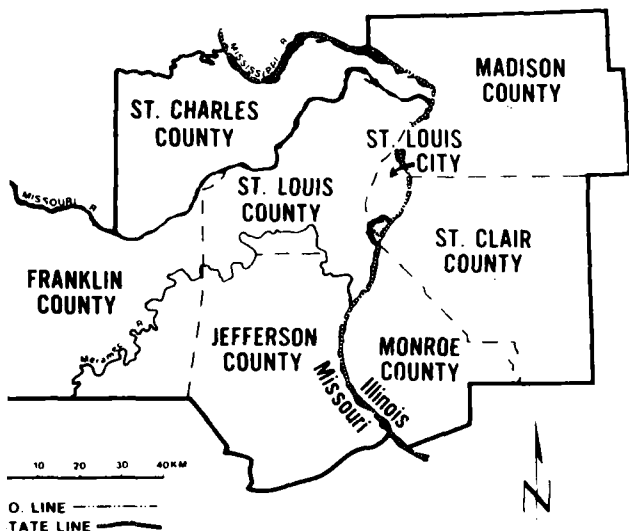
Carbon Monoxide Nonattainment Area



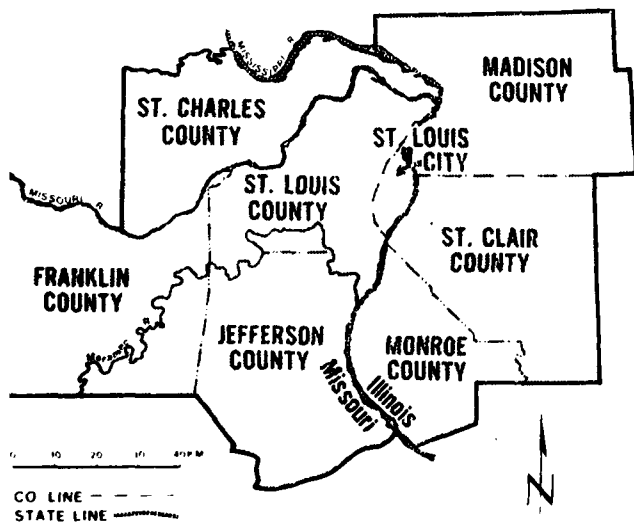
Oxidants Nonattainment Areas



for Dioxide Nonattainment Area

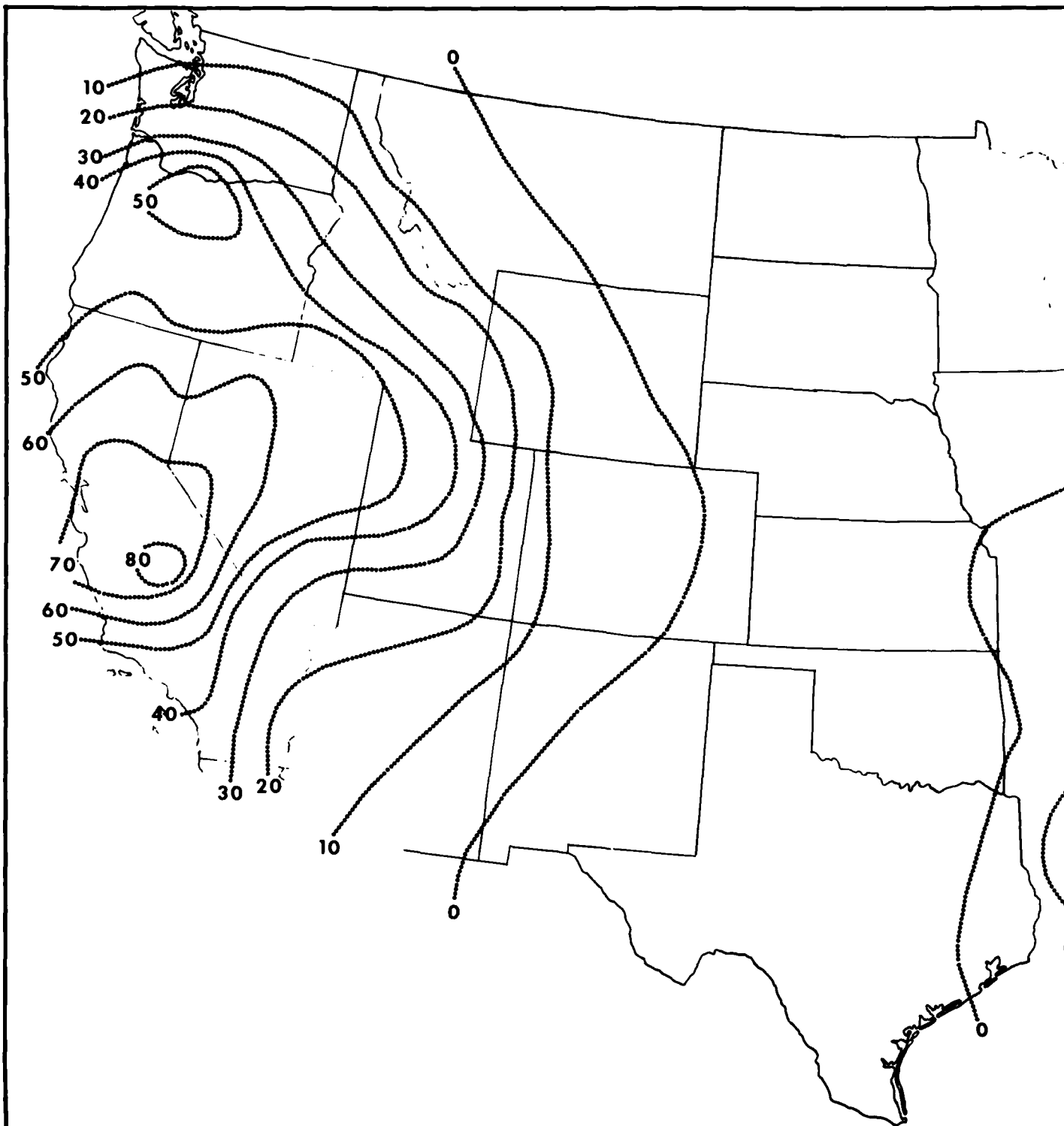


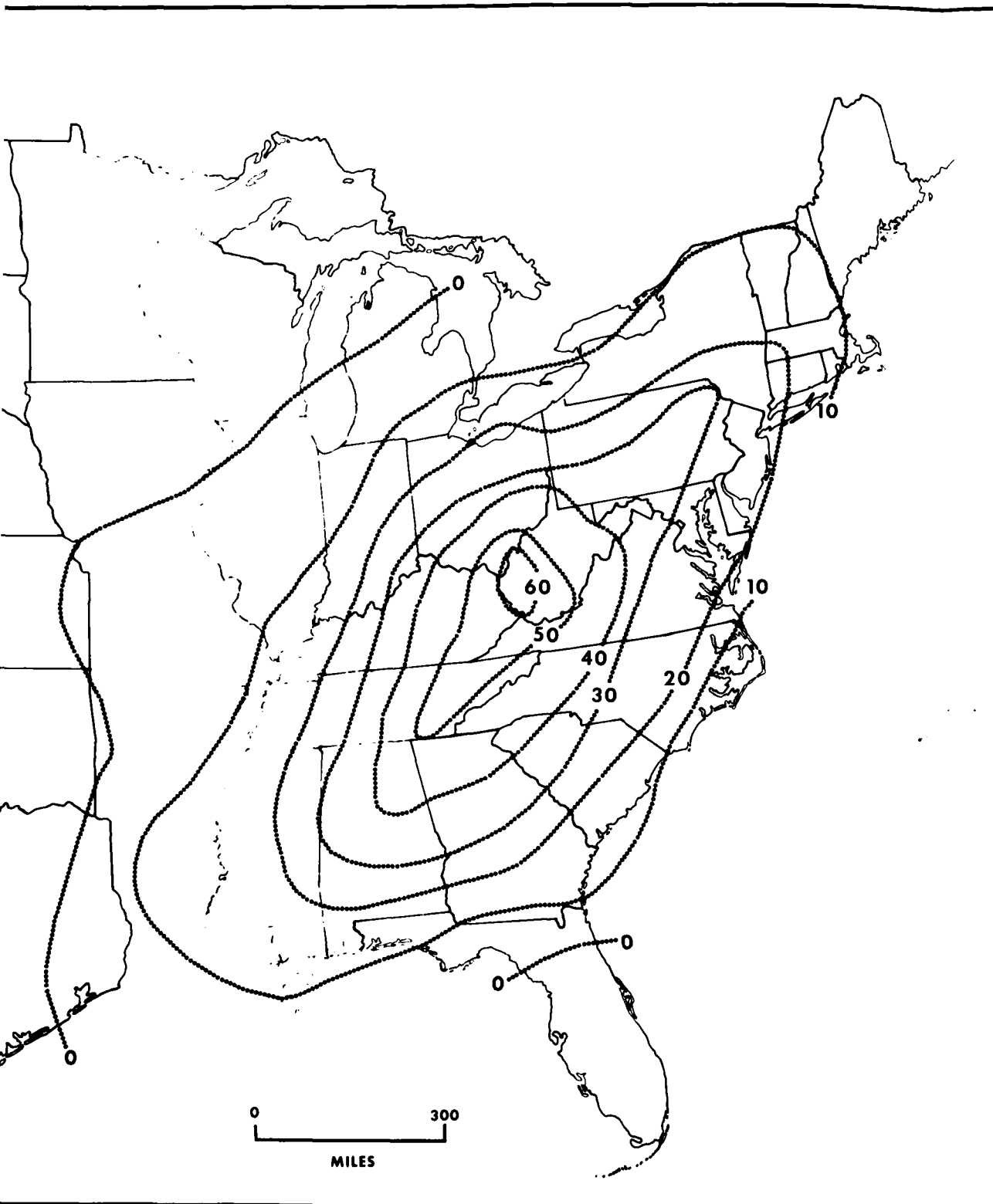
Oxidants Nonattainment Area



Source: East-West Gateway Coordinating Council, Air Quality Plan for the St. Louis Metropolitan Area (Transportation Element), March 1979.

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Chas. A. Smith</i>	AIR POLLUTION
	NONATTAINMENT AREAS
	1979
	Figure III-2 Plate number





30

Average number
in a single
high pollution
likely to

Source: Stern, et al.
Fundamentals of Air Pollution

ENVIRONMENTAL PROTECTION AGENCY	U.S. Army Corps of Engineers
	East St. Louis, Ill.
FUNDAMENTALS OF AIR POLLUTION	HIGH POLLUTION
	(1)

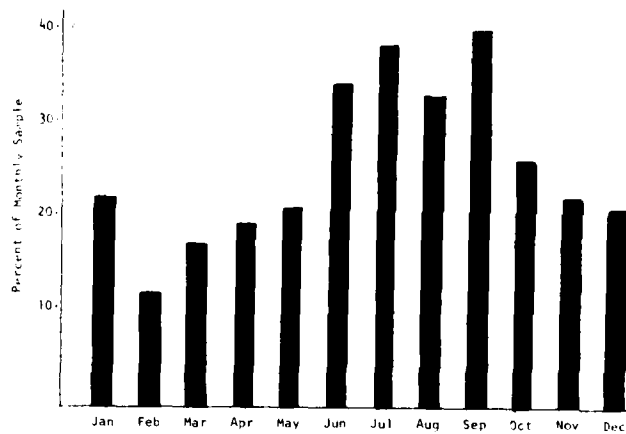
30

Average number of days(1940-1965)
in a single year on which
high pollution potential is
likely to occur

Source: Stern, et al.

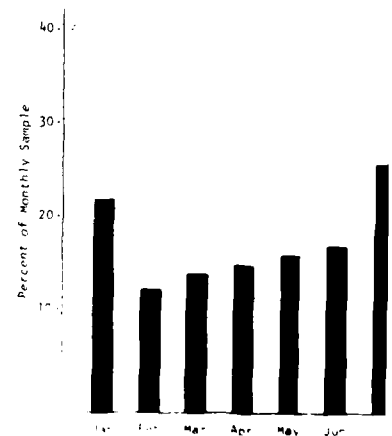
Fundamentals of Air Pollution Meteorology p. 331

ENVIRONMENTAL QUALITY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control /AHOKIA CANAL AREA
Prepared under the aegis of March 1966	FORECAST HIGH POLLUTION POTENTIAL DAYS (1940 - 1965)
Figure III-3 Data number	



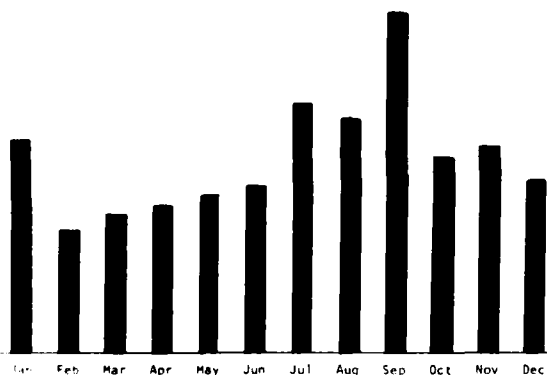
Criteria: RTW speed ≤ 4.0 msp and ventilation ≤ 6000 m³ ps

(Ordinate is % of the monthly sample based on 2 years of data)



Criteria: RTW speed ≤ 4.0 msp and ventilation ≤ 6000 m³ ps

(Ordinate is % of the monthly sample based on 2 years of data)

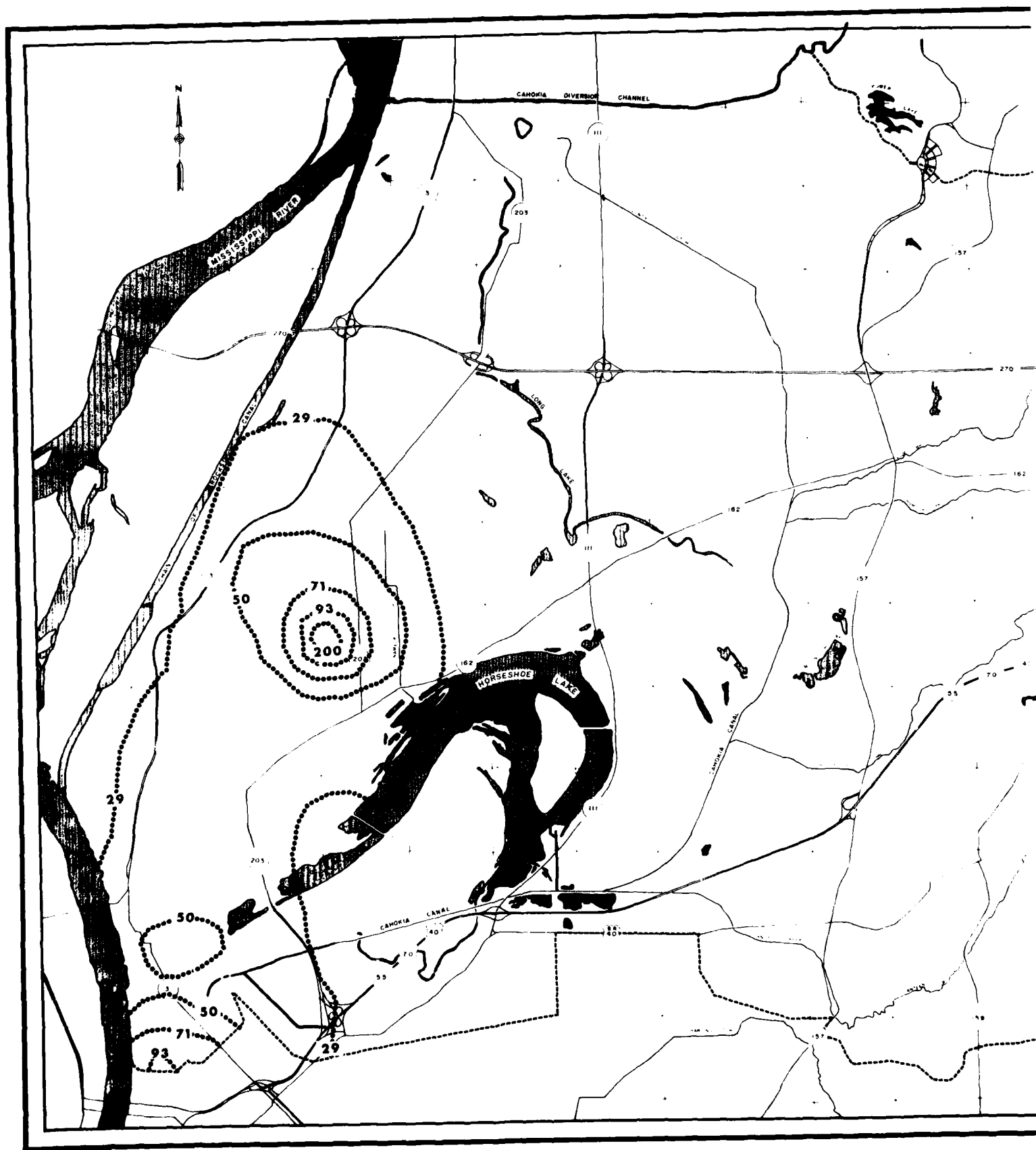


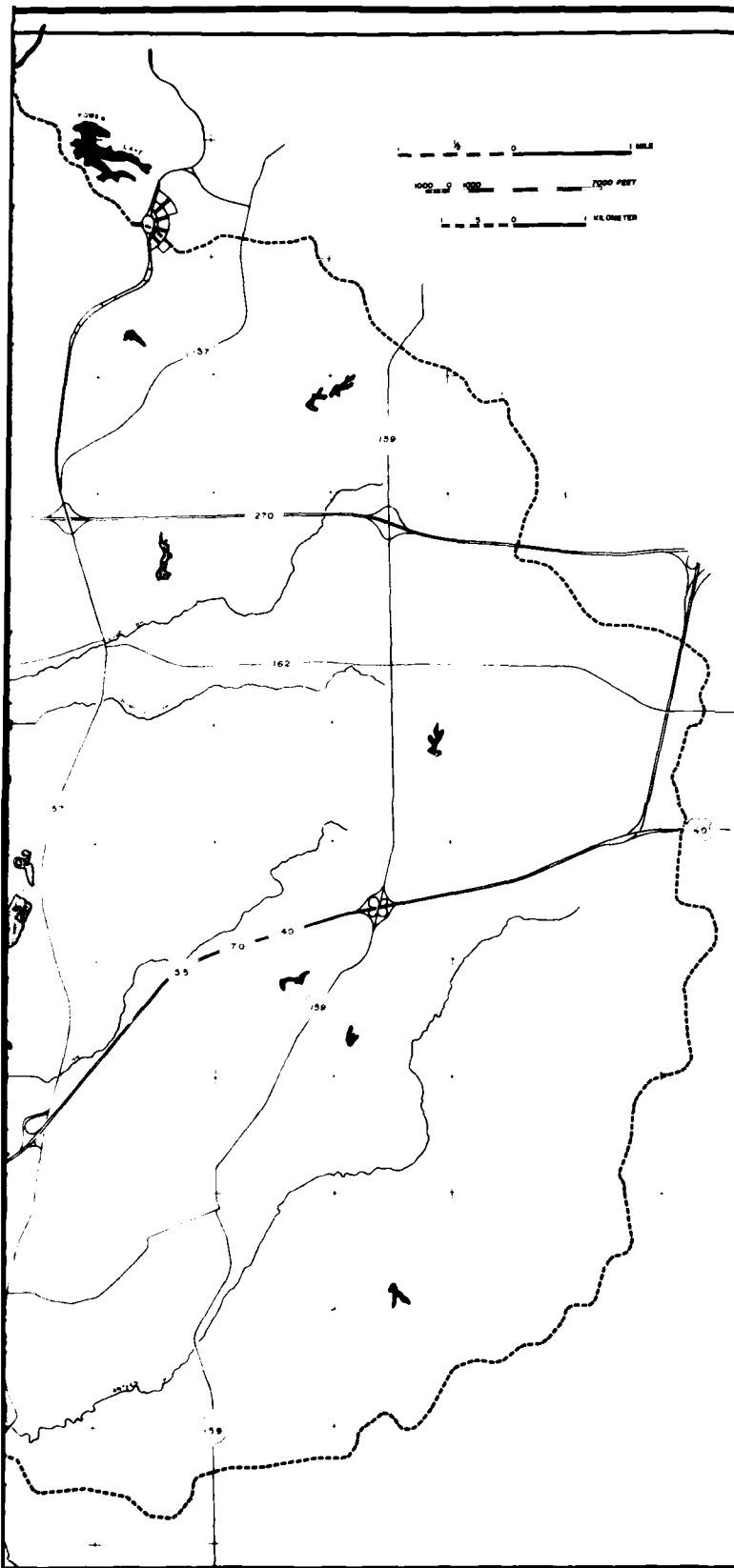
Criteria: RTW speed ≤ 4.0 msp and ventilation ≤ 4000 m² ps...

(Rate is % of the monthly sample based on 2 years of data)

Source: National Weather Service, National Oceanic and Atmospheric Administration Technical Memorandum NWS CR-111, "A Preliminary Transport Wind and Mixing Height Climatology in St. Louis, Missouri, U.S. Department of Commerce, June 1972."

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>C. P. Hamilton</i>	MONTHLY FREQUENCY DISTRIBUTION OF MIDDAY STAGNATION ST. LOUIS, MISSOURI
	Figure III-4 Photo number





UNIT OF AVERAGE

STANDARD

in micrograms per cubic meter

Annual Geometric Mean

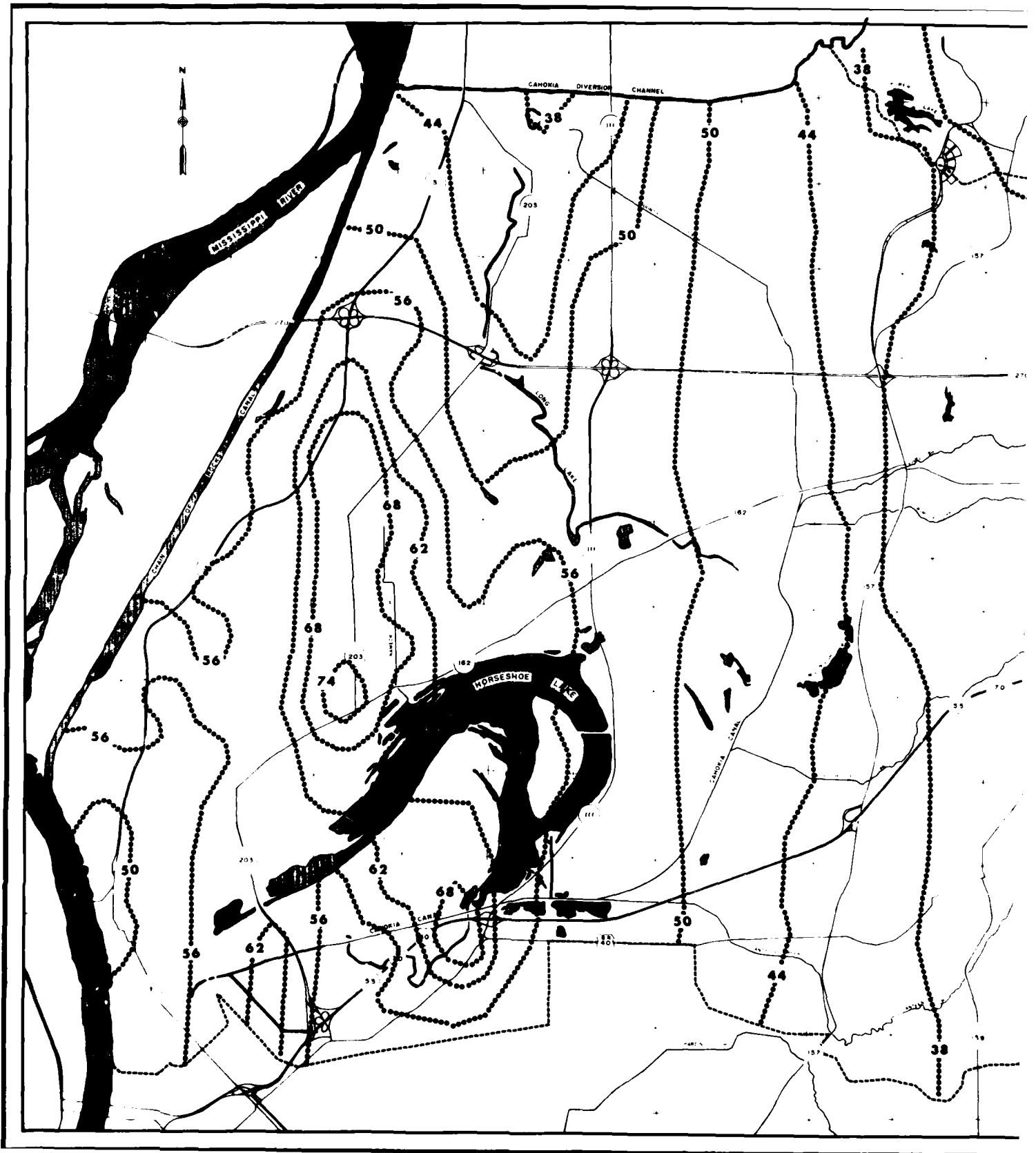
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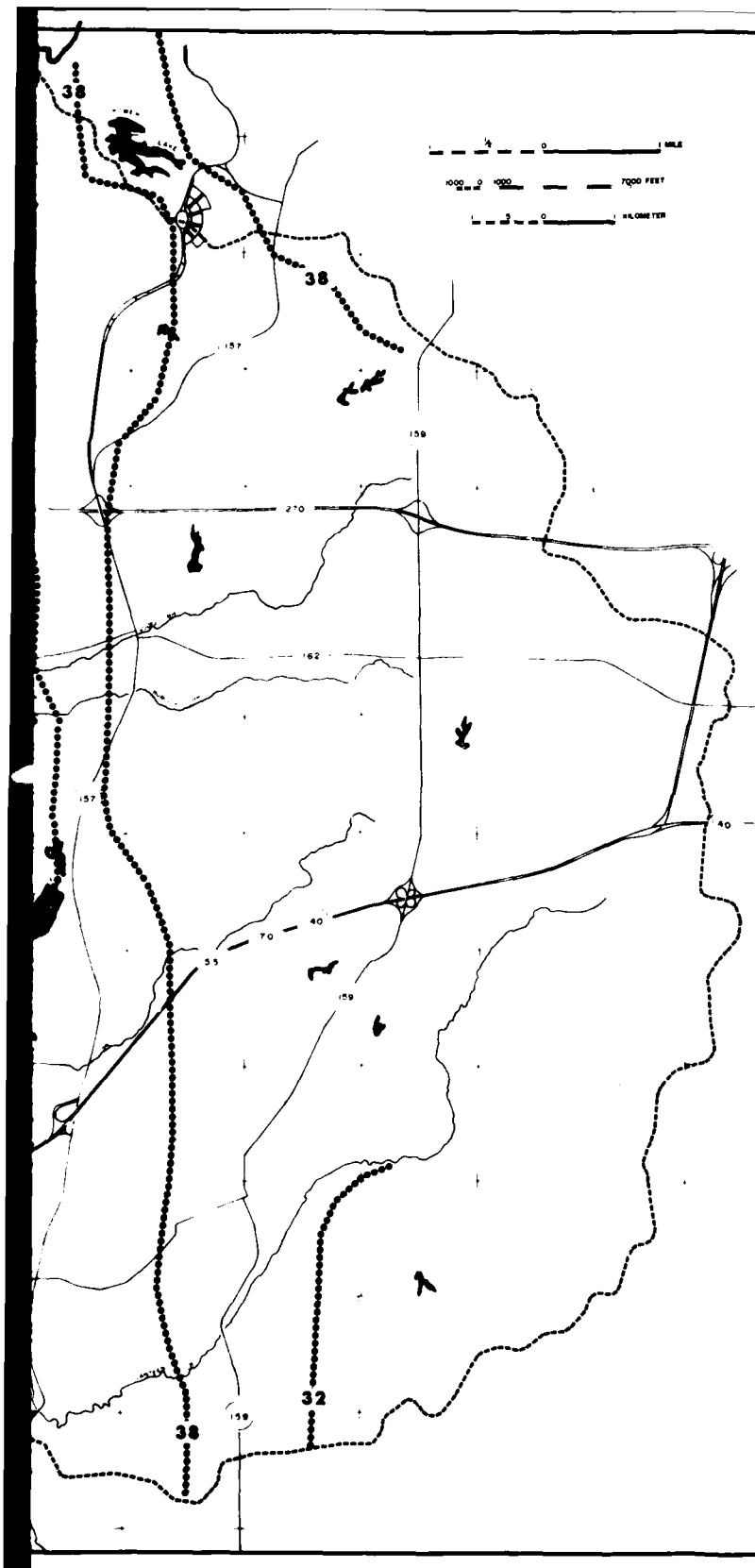
© The Illinois EPA

Model

Cartography by Ben Kaiser
May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. Smith</i>	SIMULATED AMBIENT LEVELS OF TOTAL SUSPENDED PARTICULATES in micrograms per cubic meter
Figure III 5 Plate number	





TIME OF AVERAGE

PRIMARY STANDARD
in micrograms per cubic meter

Annual Arithmetic Mean

80

Drafted From Computer Output Of The Illinois EPA

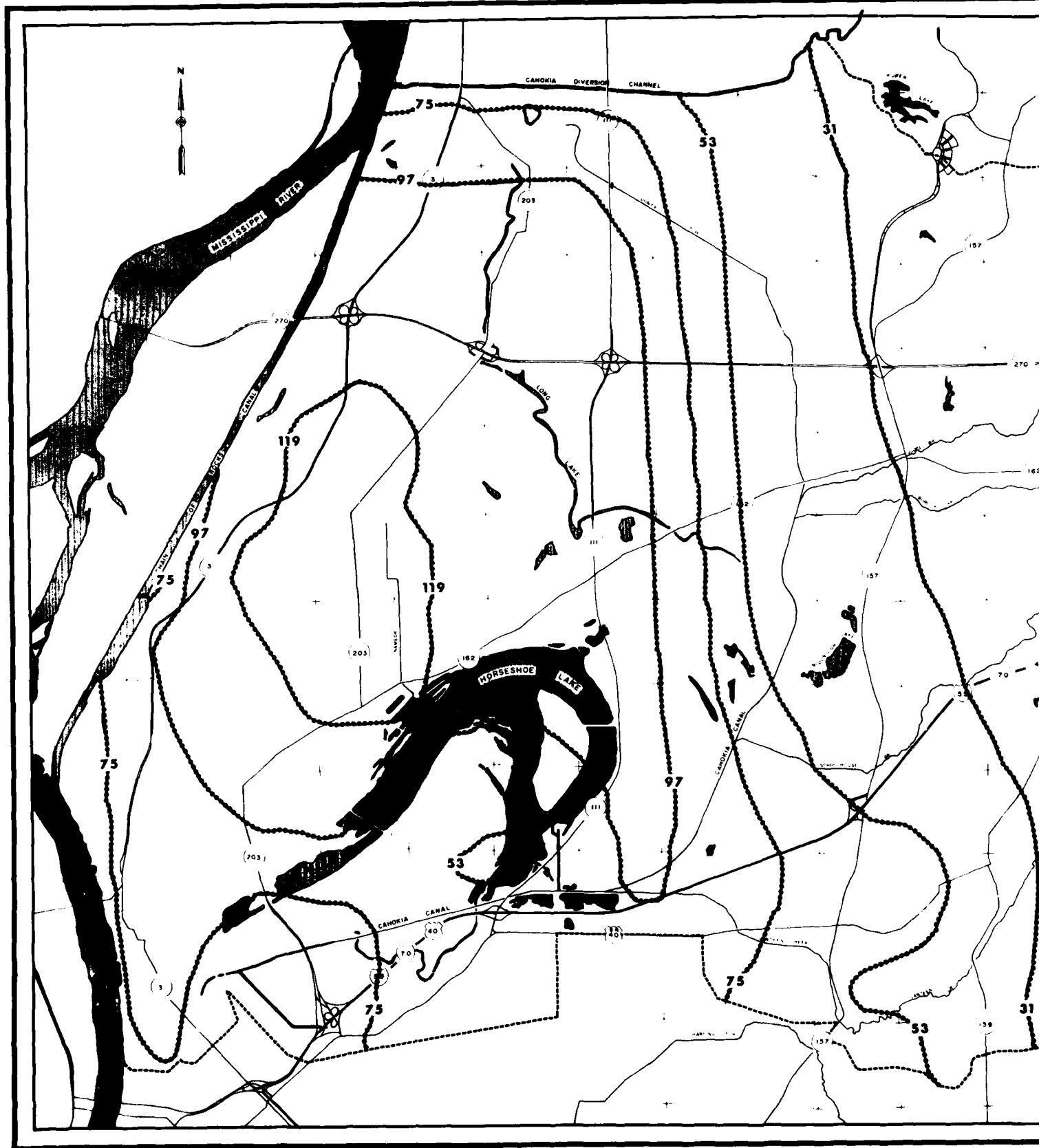
Climatological Dispersion Model

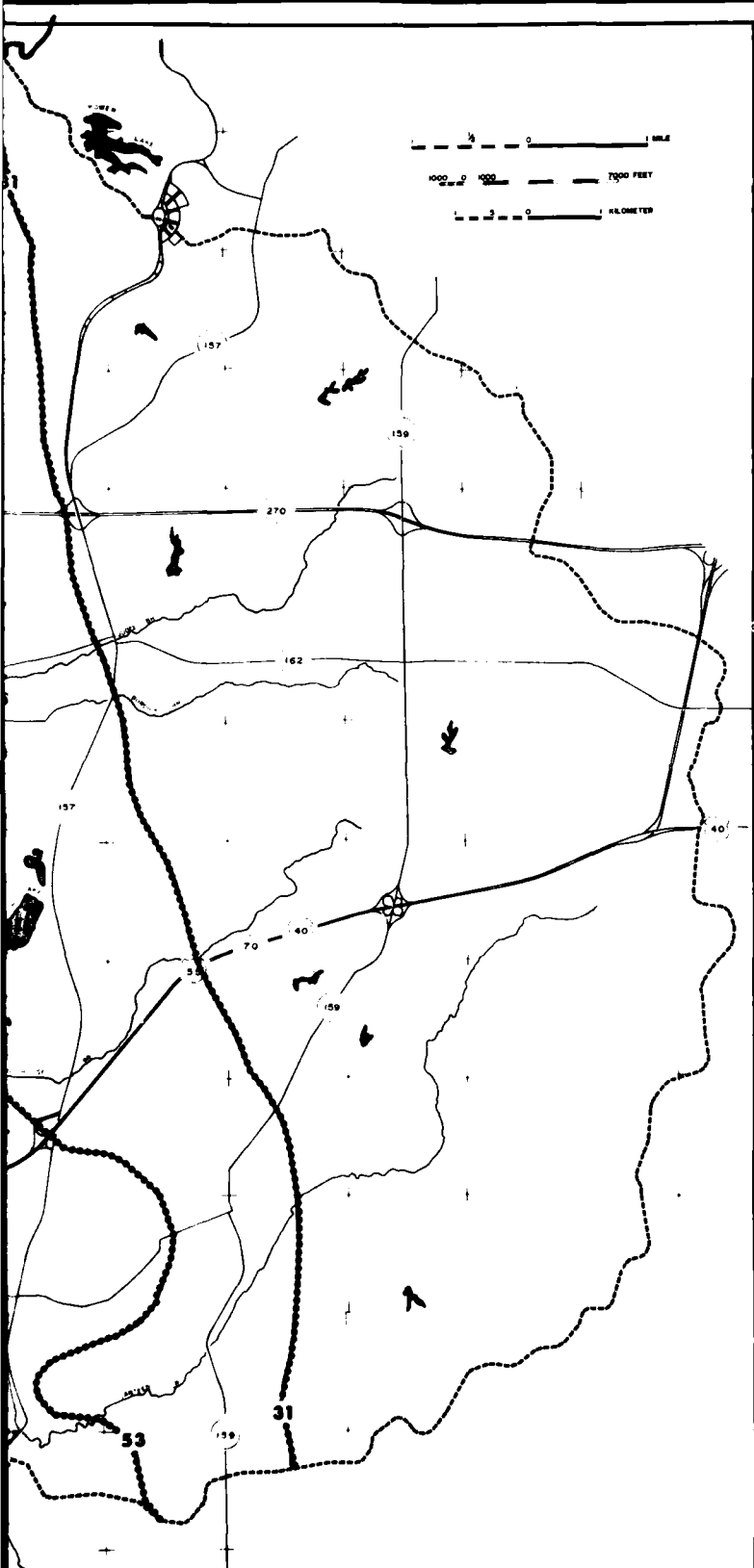
SOURCES

Illinois Department of Pollution Agency - 1977
U.S. Environmental Protection Agency - Kansas
City - Missouri District - 1978 and
Missouri Department of Natural Resources
Air Conservation Commission - 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. Henth</i>	SIMULATED AMBIENT LEVELS OF SULFUR DIOXIDE in micrograms per cubic meter
	Figure III-6 Plate number





TIME OF AVERAGE

90 MARY STANDARD
in micrograms per cubic meter

3 hour

160

Figure 3-1. Prepared by the U.S. Army Corps of Engineers, St. Louis, Missouri.

Climateological Dispersion Model

1977

U.S. Environmental Protection Agency, Kansas

City, Missouri, and

Missouri Department of Natural Resources

April 1978, revised June 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL
INVENTORY

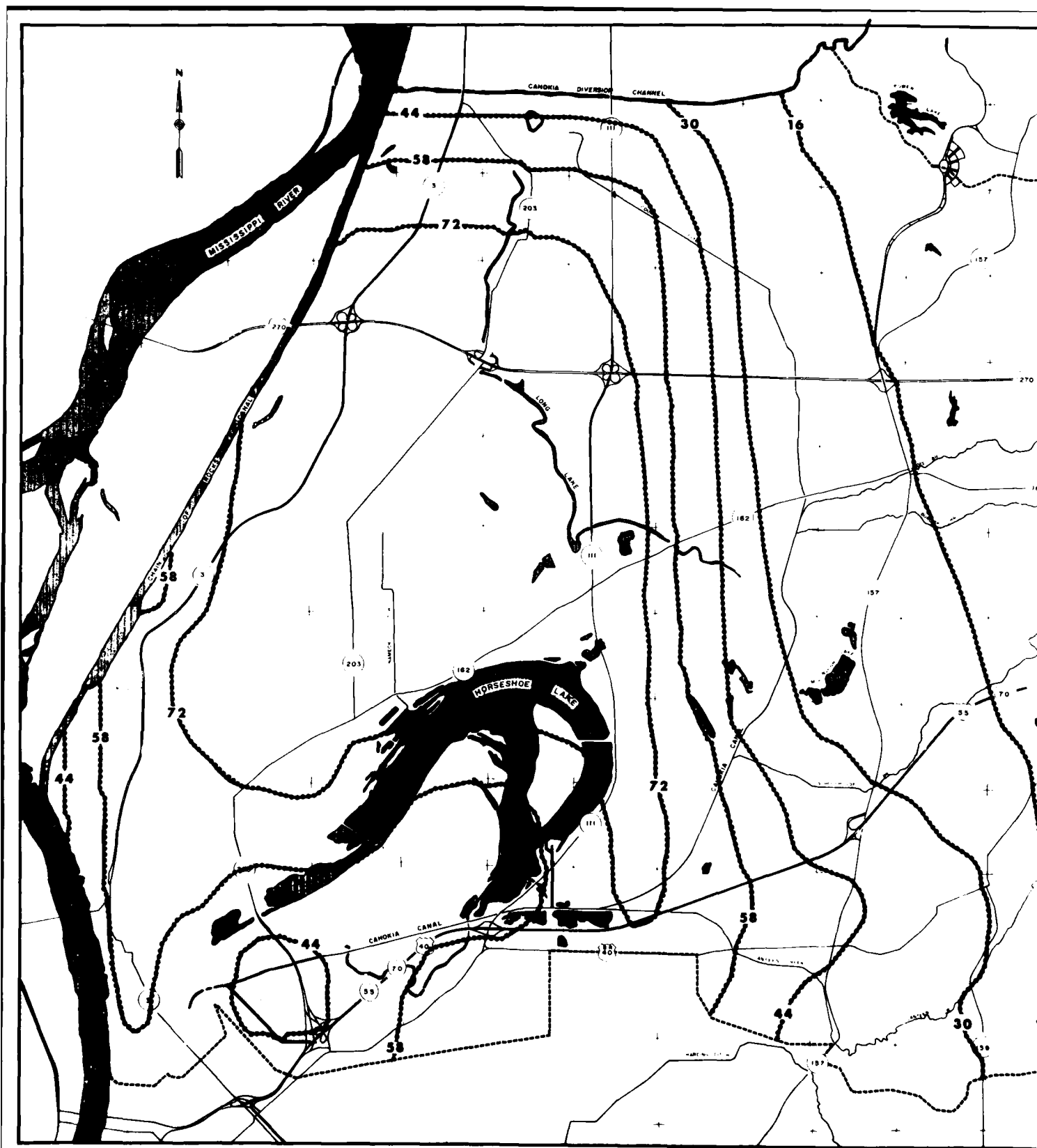
Prepared under the
direction of
Charles A. Hunter

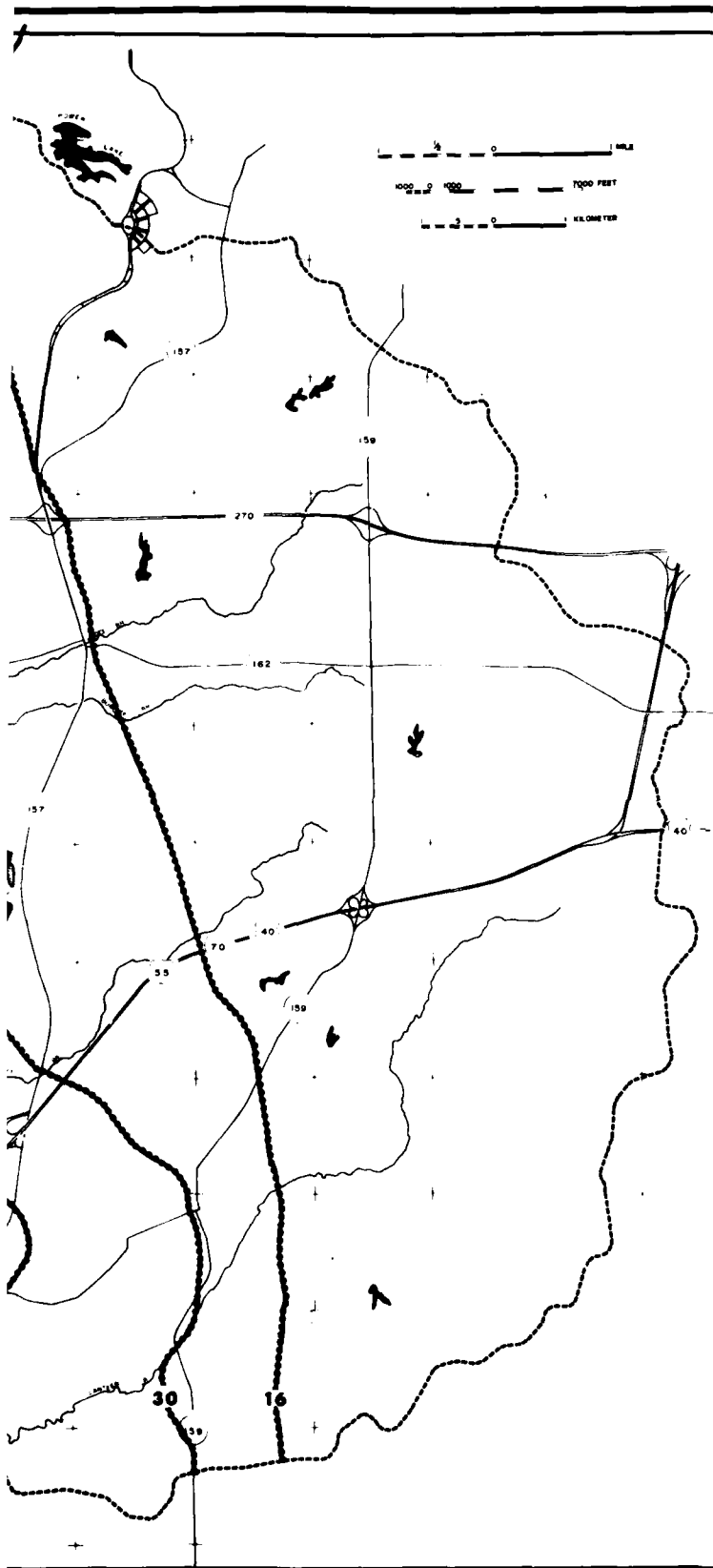
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

**SIMULATED AMBIENT LEVELS
OF TOTAL HYDROCARBONS**
in micrograms per cubic meter

Figure III-7 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

Annual Arithmetic Mean

100

Drafted from Computer Output of The Illinois EPA

Climatology - Dispersion Model

10/1/79

U.S. Environmental Protection Agency, 1977

U.S. Environmental Protection Agency, Kansas

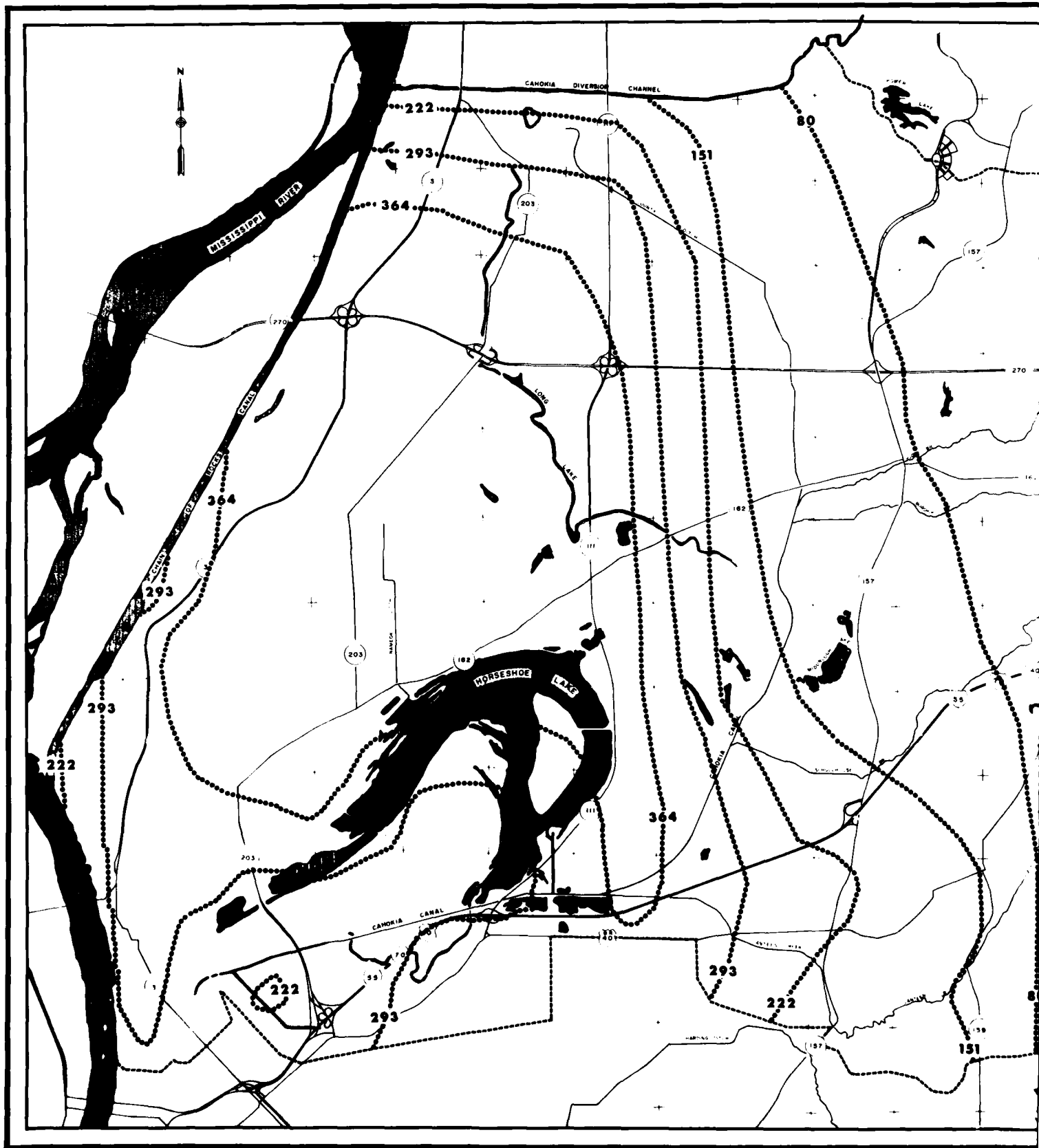
City of St. Louis, 1978, and

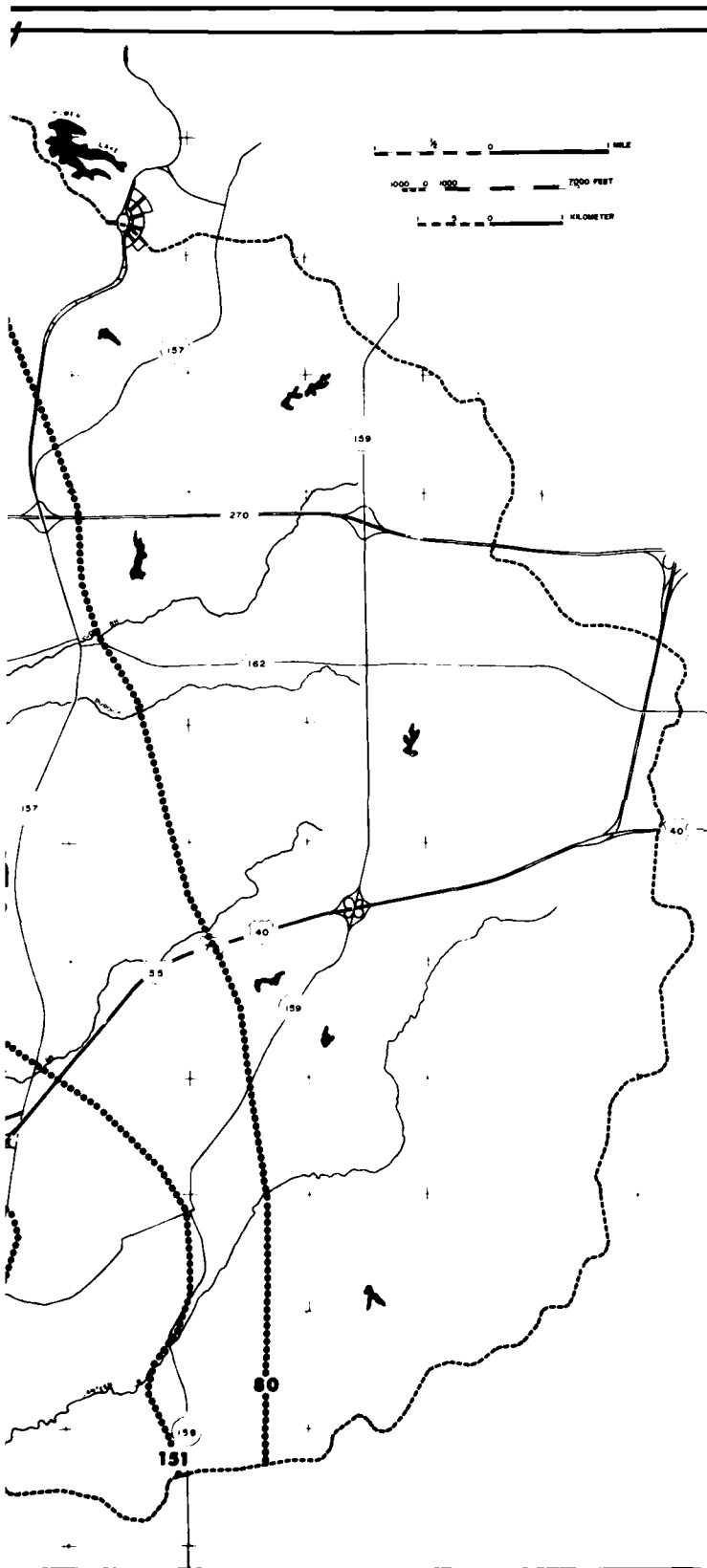
Missouri Department of Natural Resources

Air Pollution Commission, 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Charles A. Hunter</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA SIMULATED AMBIENT LEVELS OF NITROGEN DIOXIDE in micrograms per cubic meter Figure III-8 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

8 hour

10

1 hour

40

Graphic prepared by the U.S. Army Corps of Engineers, St. Louis District, for the Illinois EPA

Charting by the U.S. Army Corps of Engineers, St. Louis District

Source:

U.S. Environmental Protection Agency, 1977

U.S. Environmental Protection Agency, Kansas

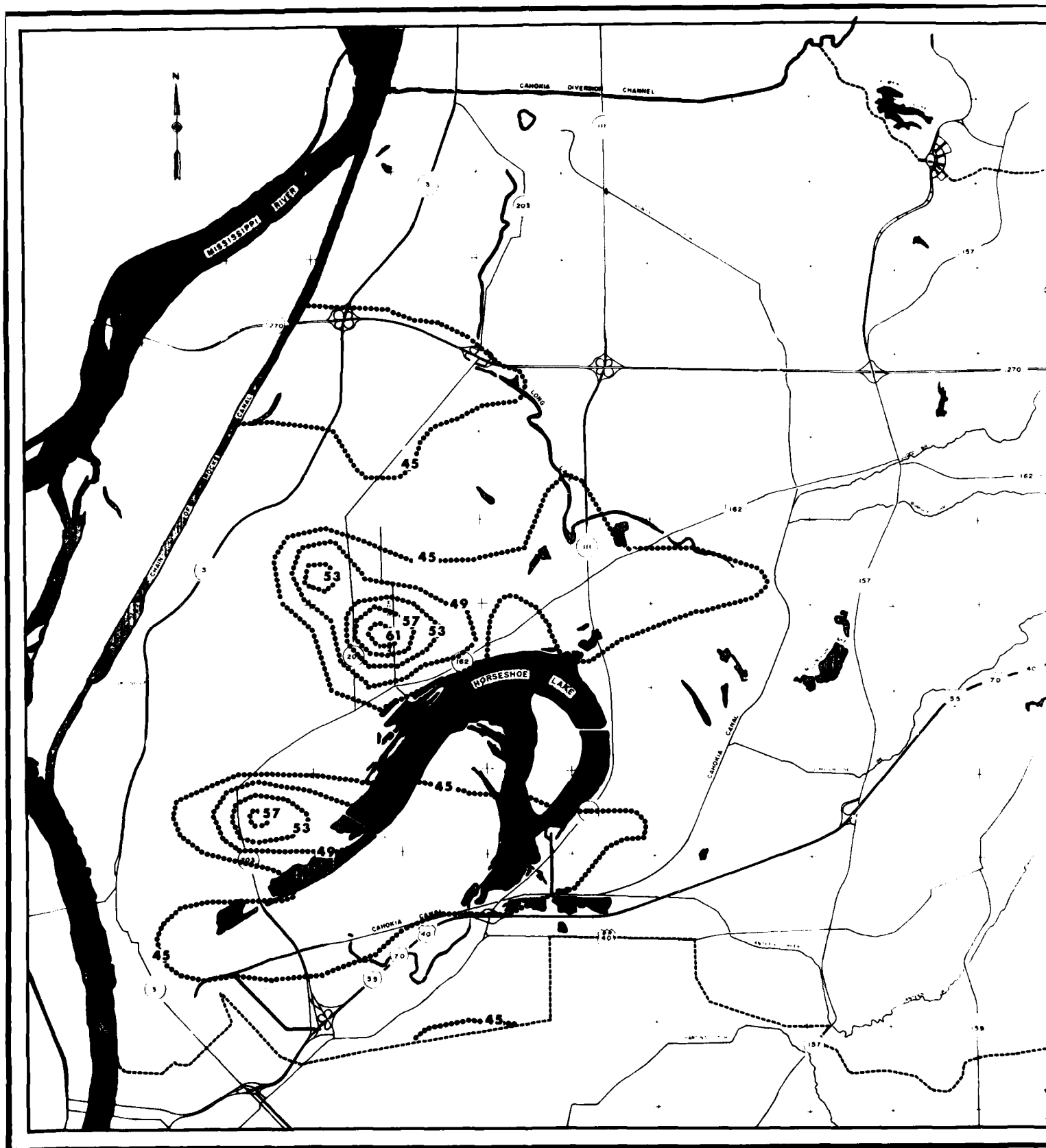
City of Missouri, District, 1978, and

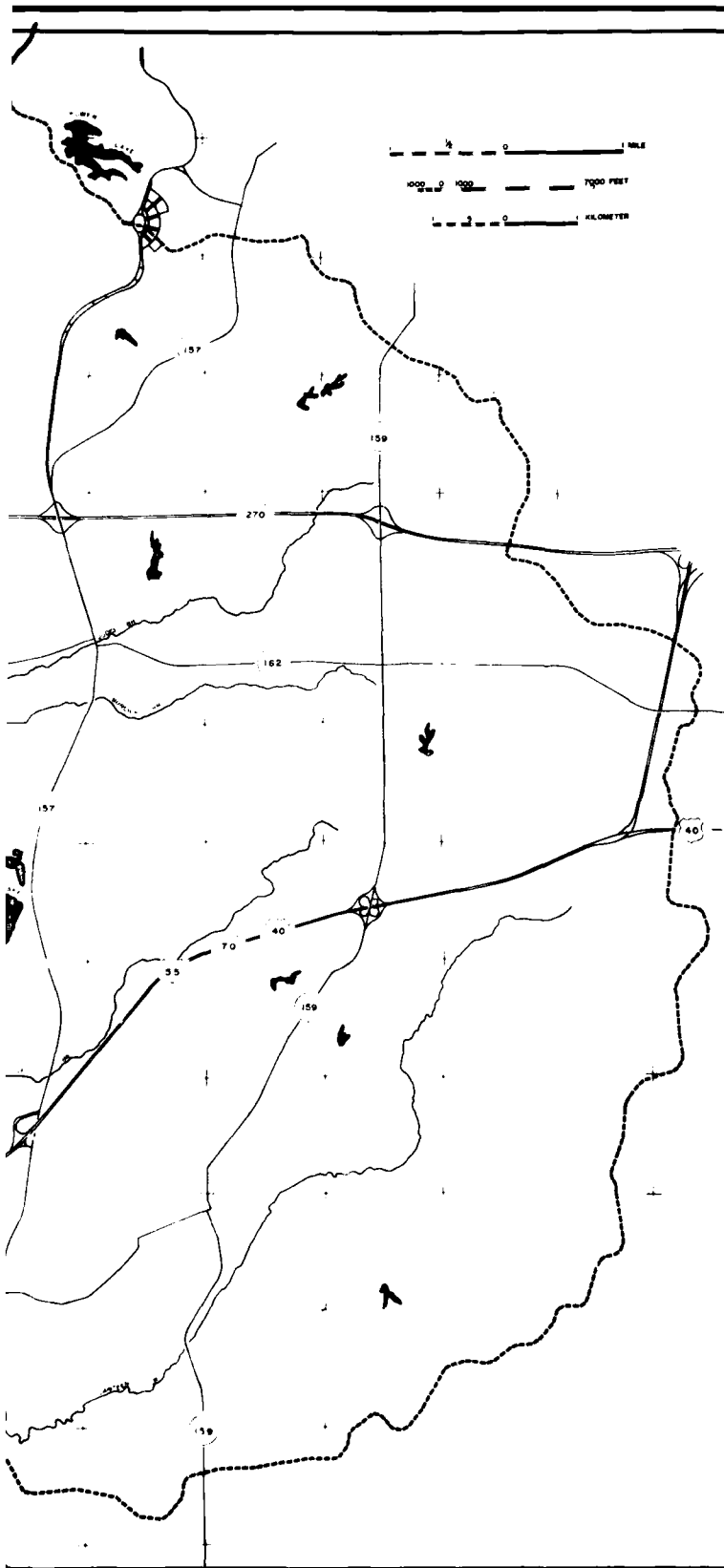
Missouri Department of Natural Resources

Air Conservation Commission, 1978

Cartography by Ben Keiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. Harrell</i>	SIMULATED AMBIENT LEVELS OF CARBON MONOXIDE
	in micrograms per cubic meter
Figure III-9 Plate number	





TIME OF AVERAGE

PRIMARY STANDARD
in micrograms per cubic meter

24 hour

260

The Illinois EPA
Short Term Model.

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA
May 1977
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA
May 1977

Cartography by Ben Kisser May 1979

ENVIRONMENTAL
INVENTORY

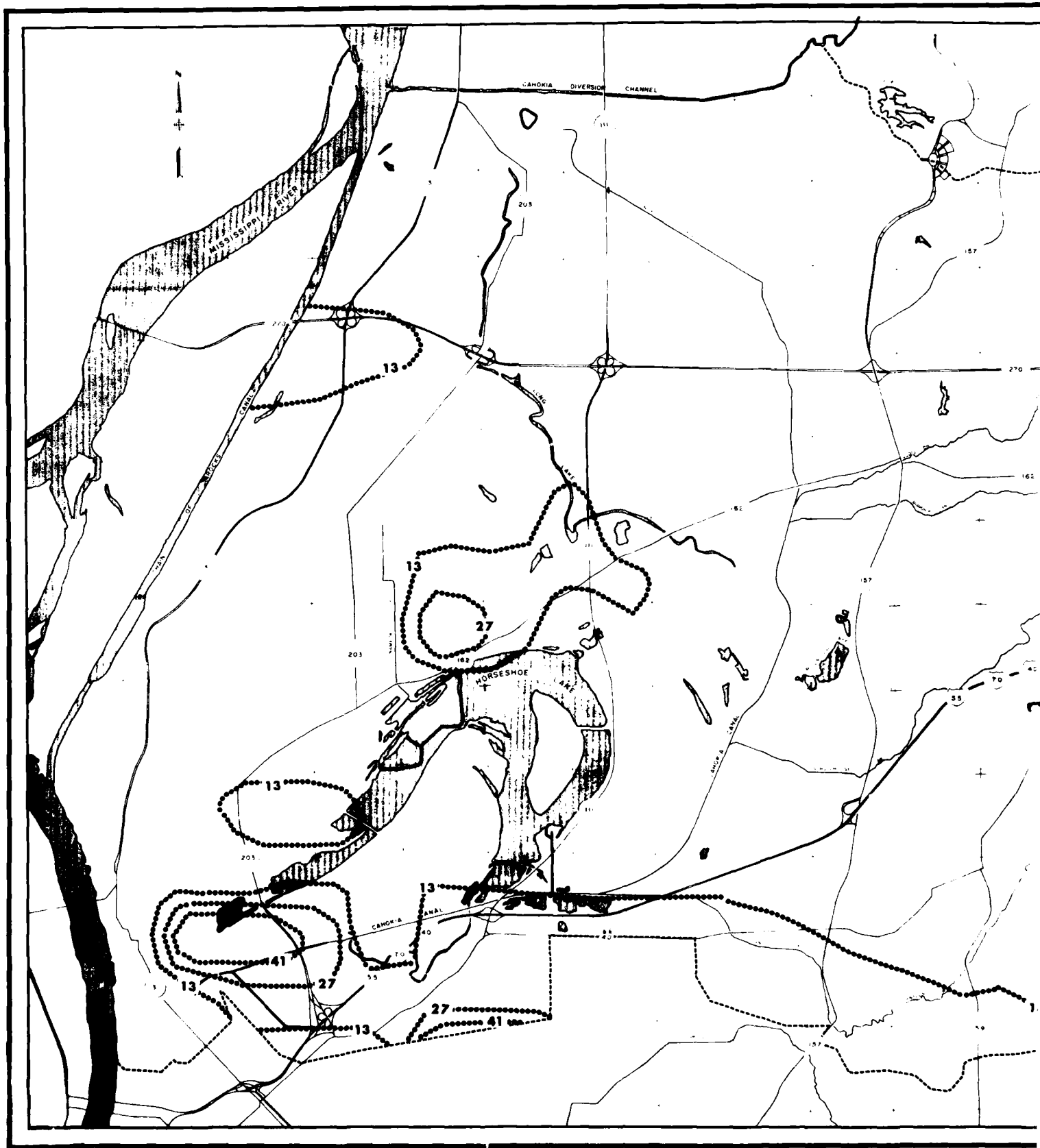
Prepared under the
direction of
Charles A. Morris

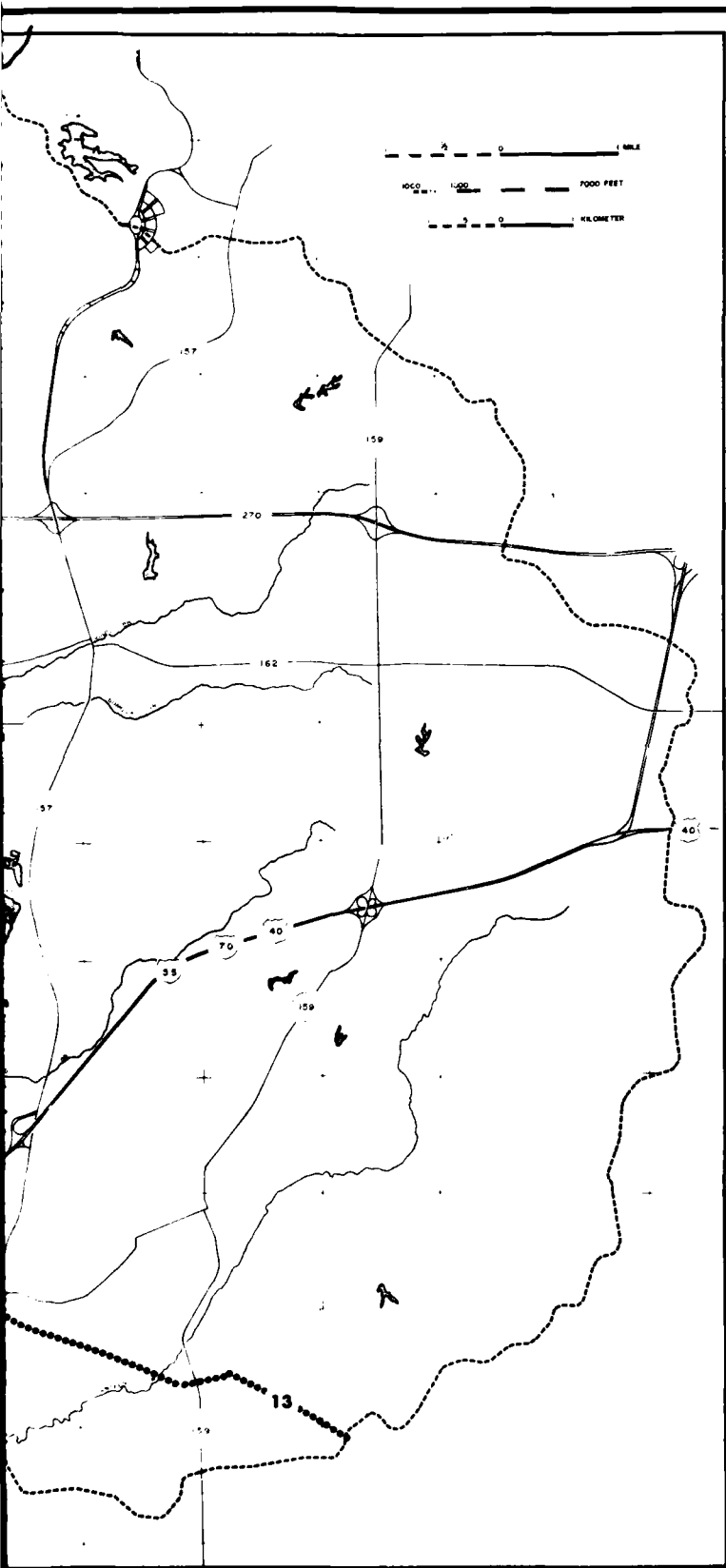
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

**SIMULATED AMBIENT LEVELS OF
TOTAL SUSPENDED PARTICULATES
TRAPPING WITH A WIND DIRECTION
OF 270°
in micrograms per cubic meter**

Figure III 10 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

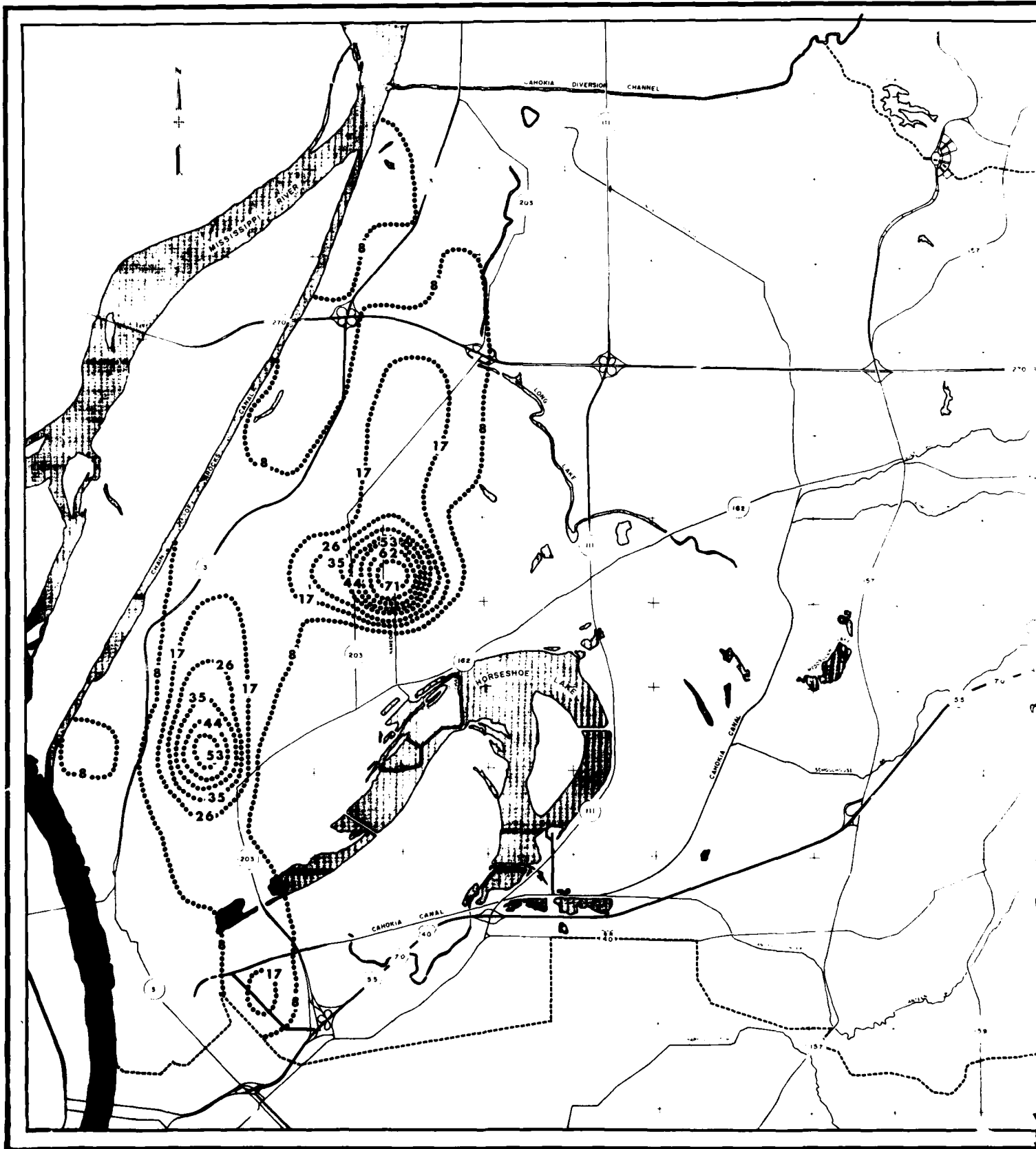
365

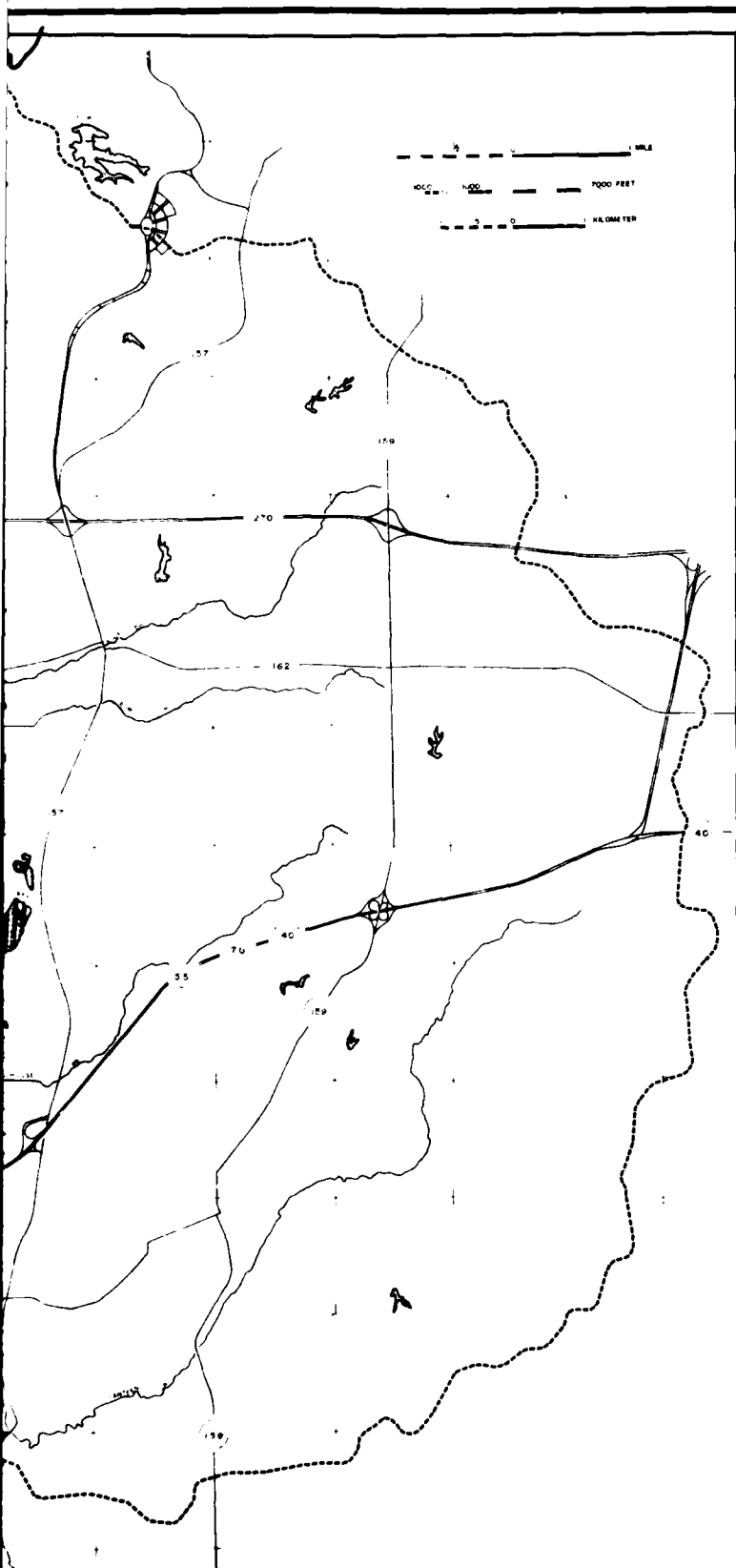
Drafted from Computer Output Of The Illinois EPA
Short Term Model

SOURCES
Illinois Environmental Protection Agency - 1977
U. S. Environmental Protection Agency - Kansas
City - Missouri District - 1978 and
Missouri Department of Natural Resources
Air Conservation Commission - 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	SIMULATED AMBIENT LEVELS OF SULFUR DIOXIDE TRAPPING WITH A WIND DIRECTION OF 270° in micrograms per cubic meter
Prepared under the direction of <i>Charles A. Smith</i>	Figure III 11 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

260

Drafted From Computer Output Of The Illinois EPA

Short Term Model

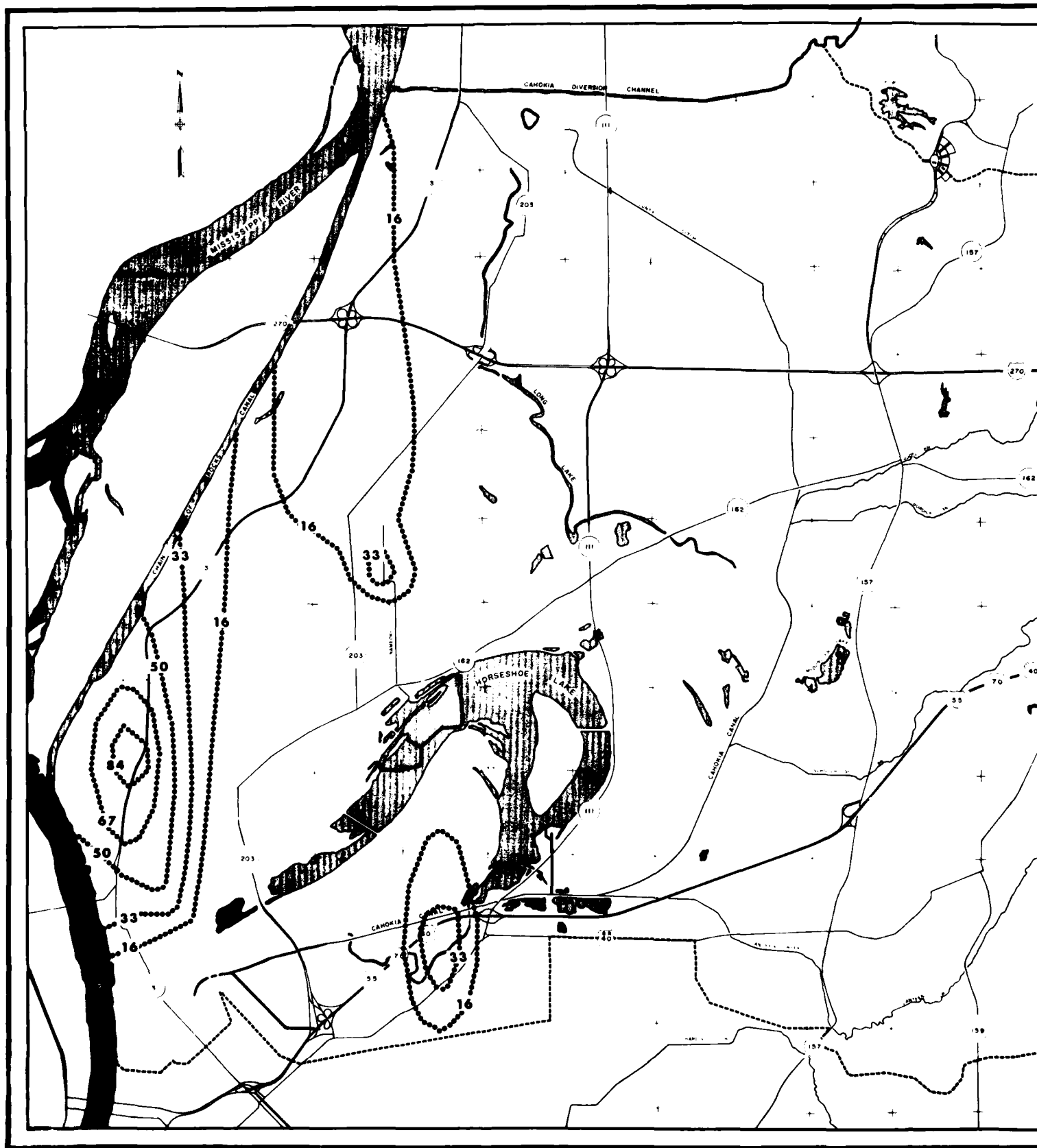
SOURCES

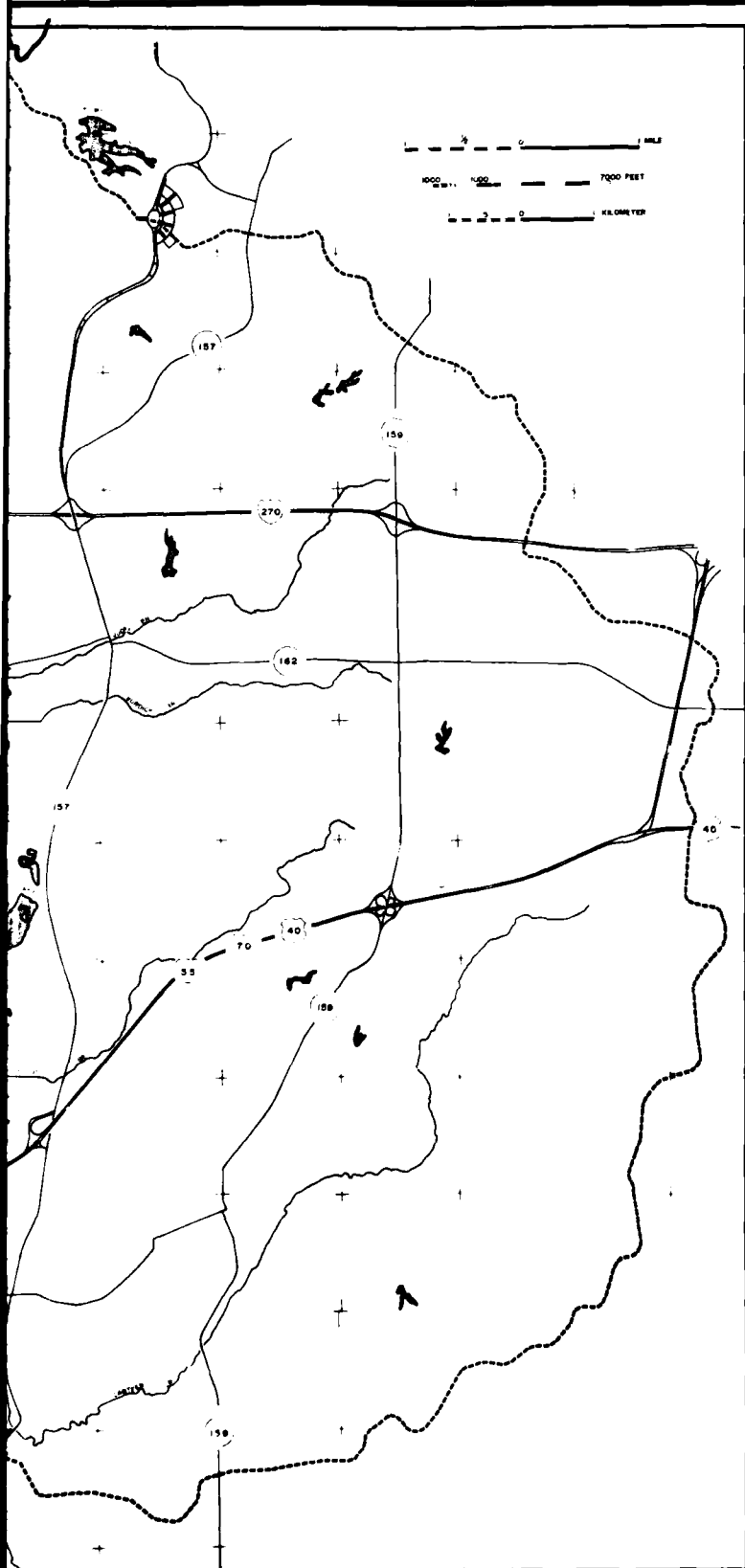
Illinois Environmental Protection Agency 1977
U. S. Environmental Protection Agency Kansas
City Missouri District 1978 and
Missouri Department of Natural Resources
Air Conservation Commission 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	SIMULATED AMBIENT LEVELS OF TOTAL SUSPENDED PARTICULATES TRAPPING WITH A WIND DIRECTION OF 185 in micrograms per cubic meter
	Figure III 12 Plate number

Prepared under the
direction of
Charles A. Hume





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

365

Drafted From Computer Output Of The Illinois EPA

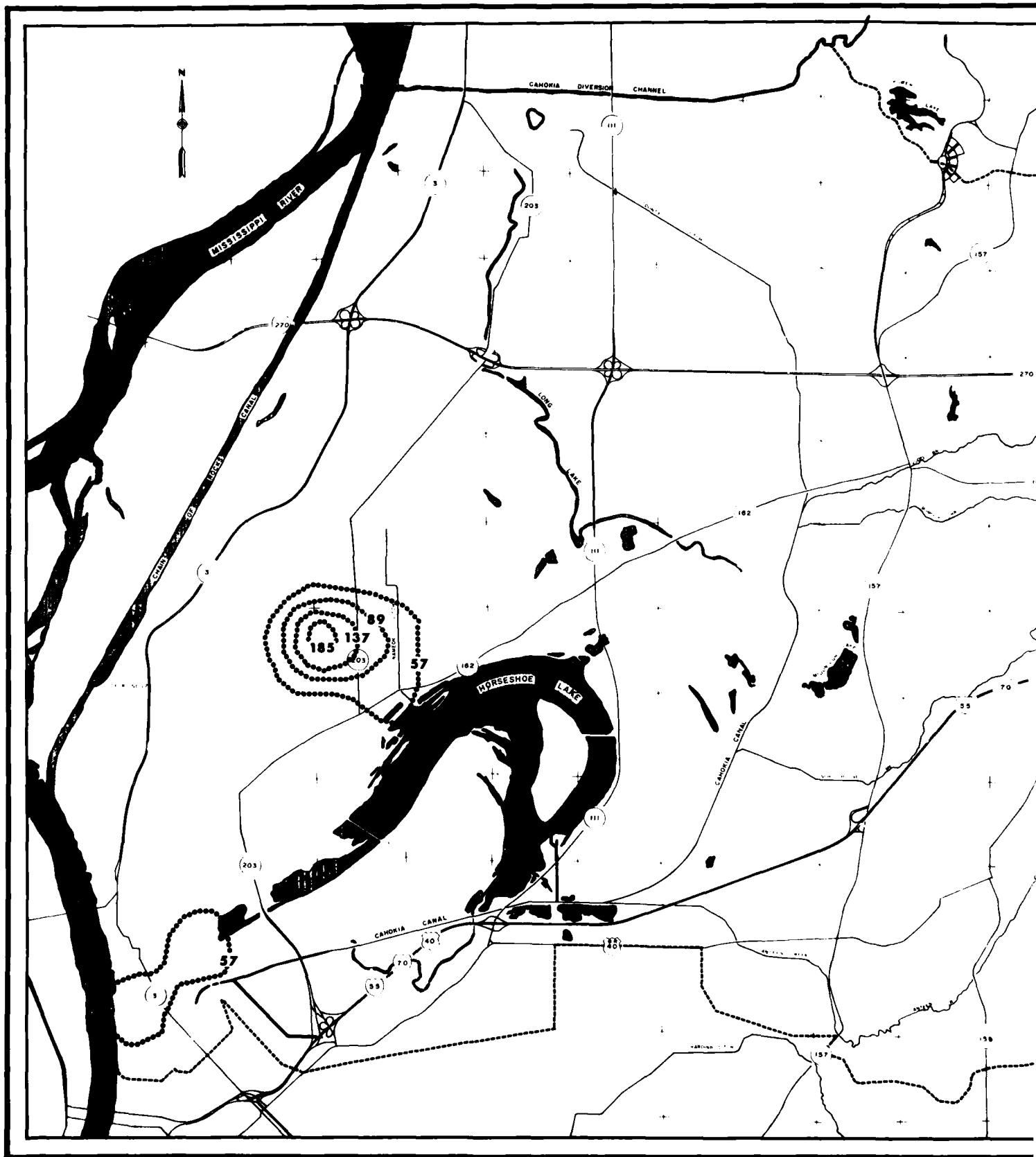
Short Term Model

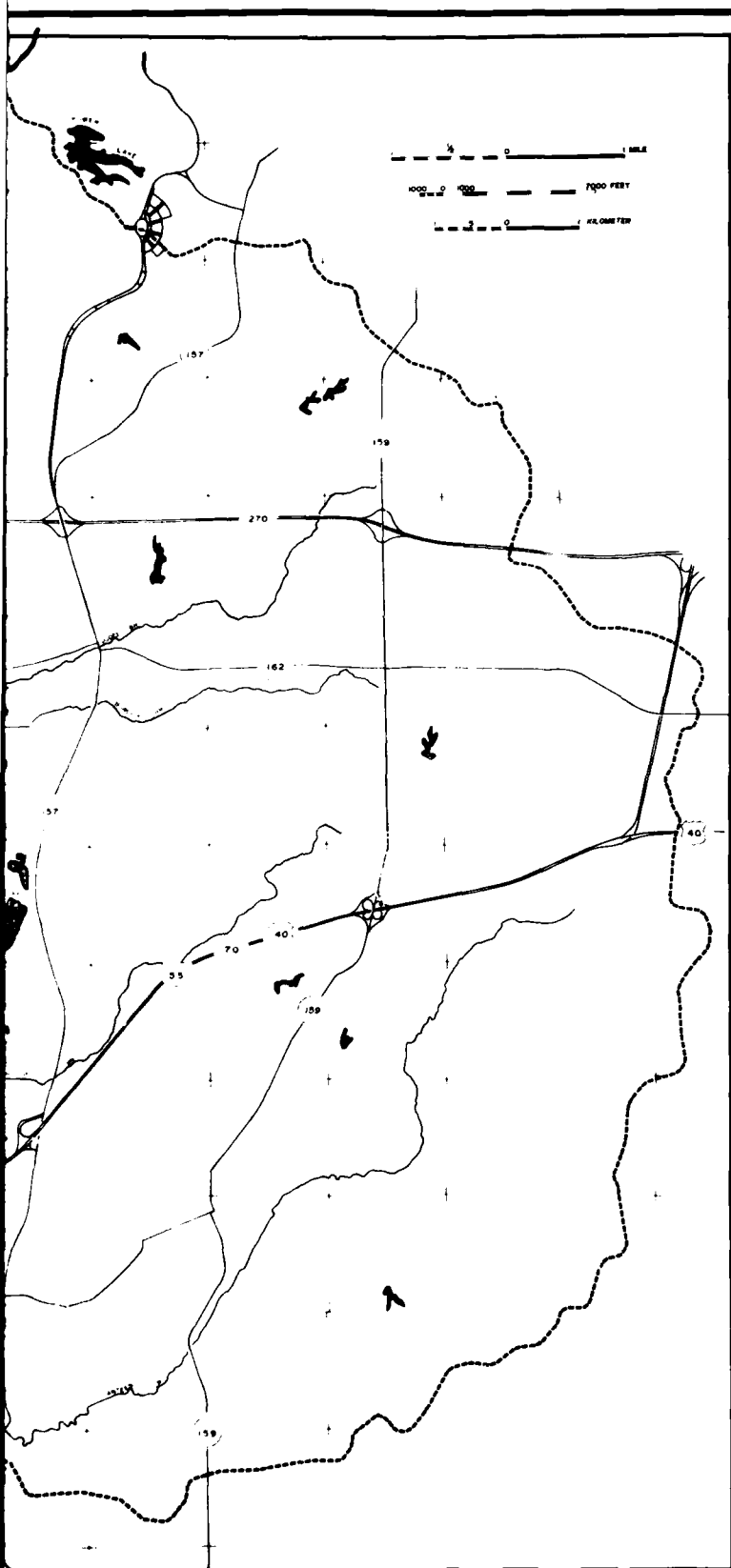
SOURCES

Illinois Environmental Protection Agency 1977
 U.S. Environmental Protection Agency Kansas
 City Missouri District 1978 and
 Missouri Department of Natural Resources
 Air Conservation Commission 1978

Cartography by Ben Kalcar May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	SIMULATED AMBIENT LEVELS OF SULFUR DIOXIDE TRAPPING WITH A WIND DIRECTION OF 185° in micrograms per cubic meter
Prepared under the direction of <i>Charles A. Hunt</i>	Figure III-13 Plate number





TIME OF AVERAGE

PRIMARY STANDARD
in micrograms per cubic meter

24 hour

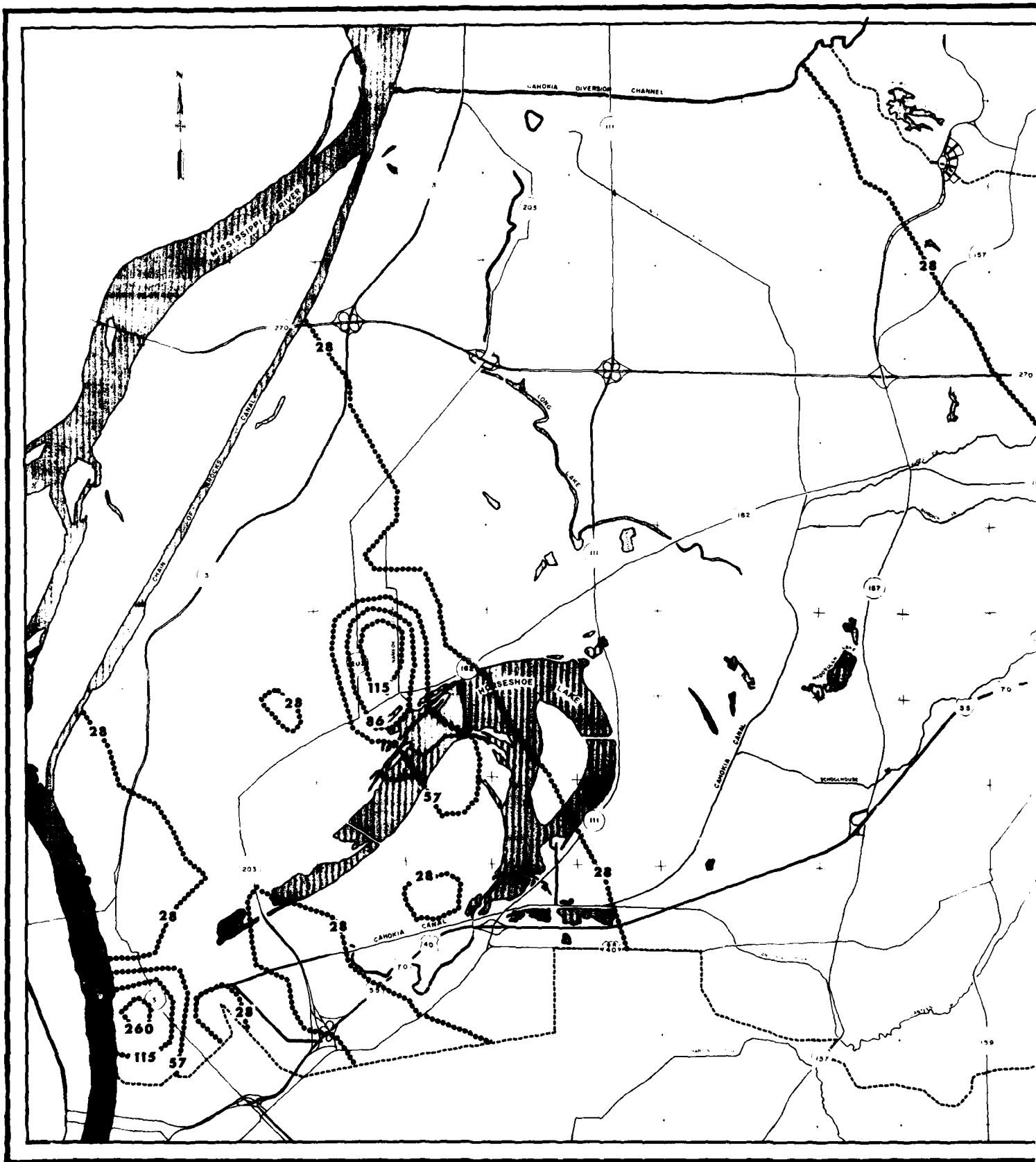
260

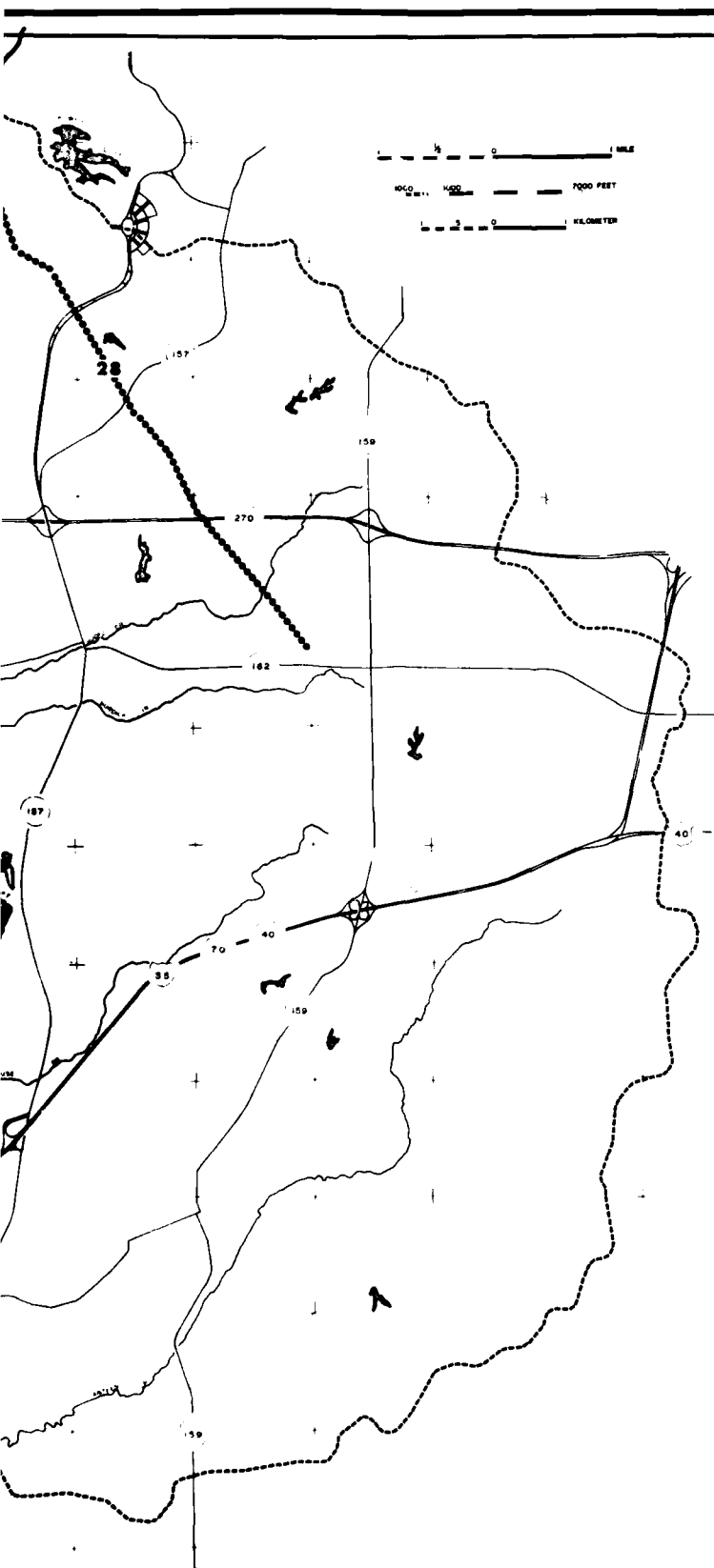
U.S. Army Engineer District, St. Louis
Short Term Model

U.S. Army Engineer District, St. Louis
U.S. Army Corps of Engineers
U.S. Army Corps of Engineers
U.S. Army Corps of Engineers
U.S. Army Corps of Engineers

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. Thomas</i>	SIMULATED AMBIENT LEVELS OF TOTAL SUSPENDED PARTICULATES TRAPPING WITH A WIND DIRECTION OF 330
	in micrograms per cubic meter
Figure III 14 Plate Number	





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

365

Drafted From Computer Output Of The Illinois EPA

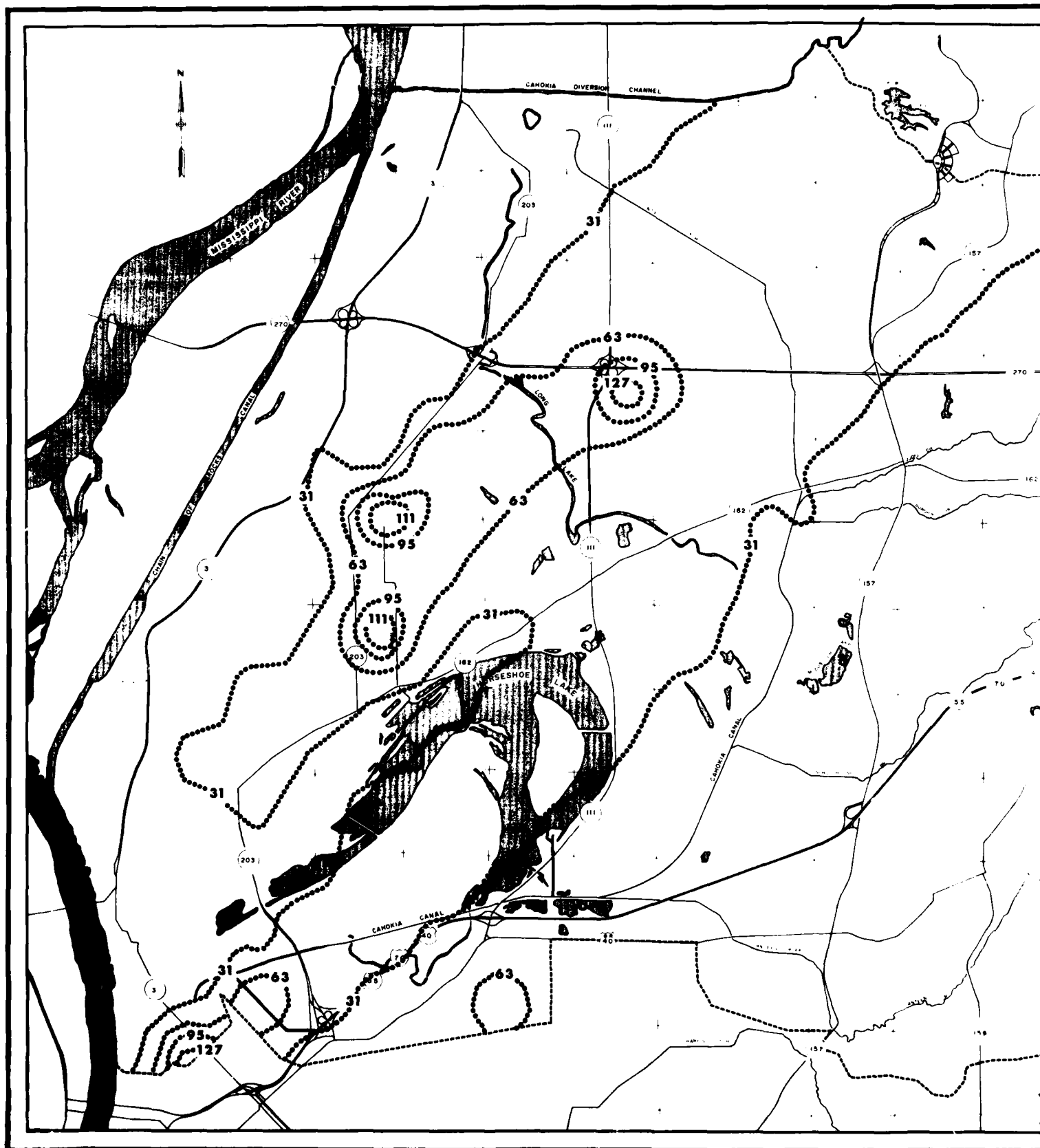
Short Term Model

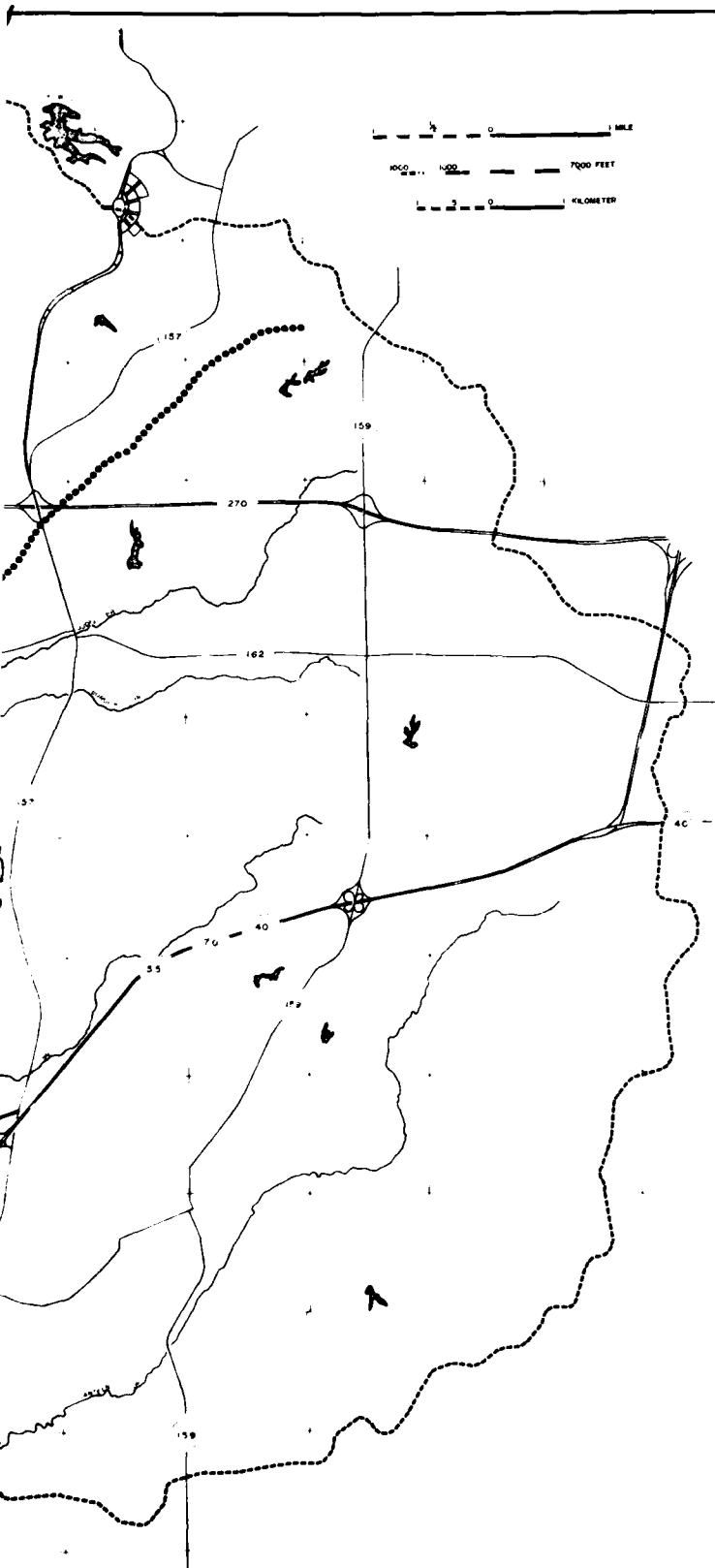
SOURCES

Illinois Environmental Protection Agency : 1977
 U. S. Environmental Protection Agency : Kansas
 City : Missouri District : 1978 : and
 Missouri Department of Natural Resources
 Air Conservation Commission : 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	SIMULATED AMBIENT LEVELS OF SULFUR DIOXIDE TRAPPING WITH A WIND DIRECTION OF 330° in micrograms per cubic meter
Prepared under the direction of <i>Charles A. Smith</i>	Figure III 15 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

260

Drafted From Computer Output Of The Illinois EPA

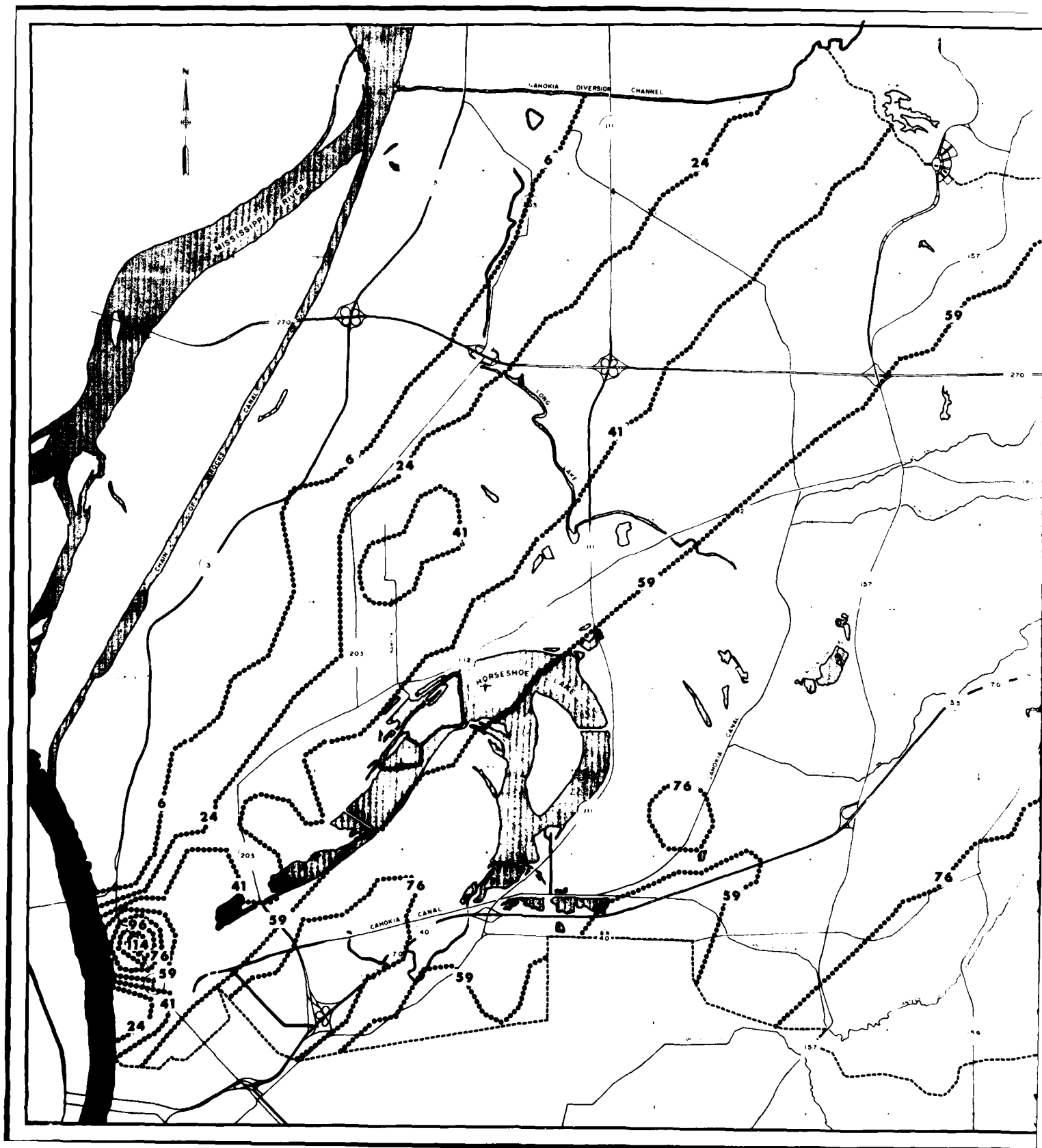
Short Term Model

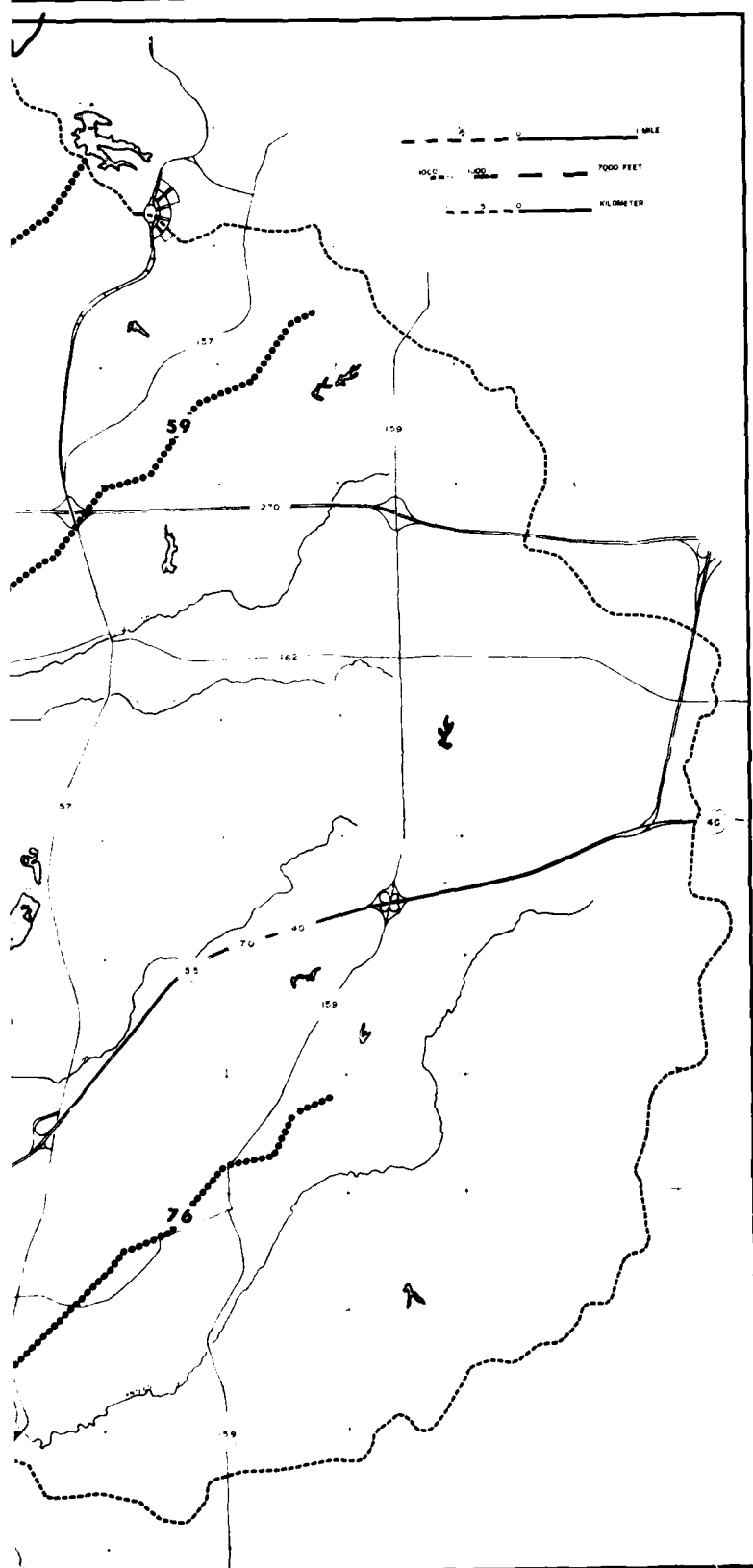
SOURCES

Illinois Environmental Protection Agency - 1977
 U. S. Environmental Protection Agency - Kansas
 City - Missouri District - 1978, and
 Missouri Department of Natural Resources
 Air Conservation Commission - 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	SIMULATED AMBIENT LEVELS OF TOTAL SUSPENDED PARTICULATES STAGNATION WITH A WIND DIRECTION OF 225 in micrograms per cubic meter
Prepared under the direction of <i>Charles A. Hunter</i>	Figure III 18 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

365

Drafted From Computer Output Of The Illinois EPA

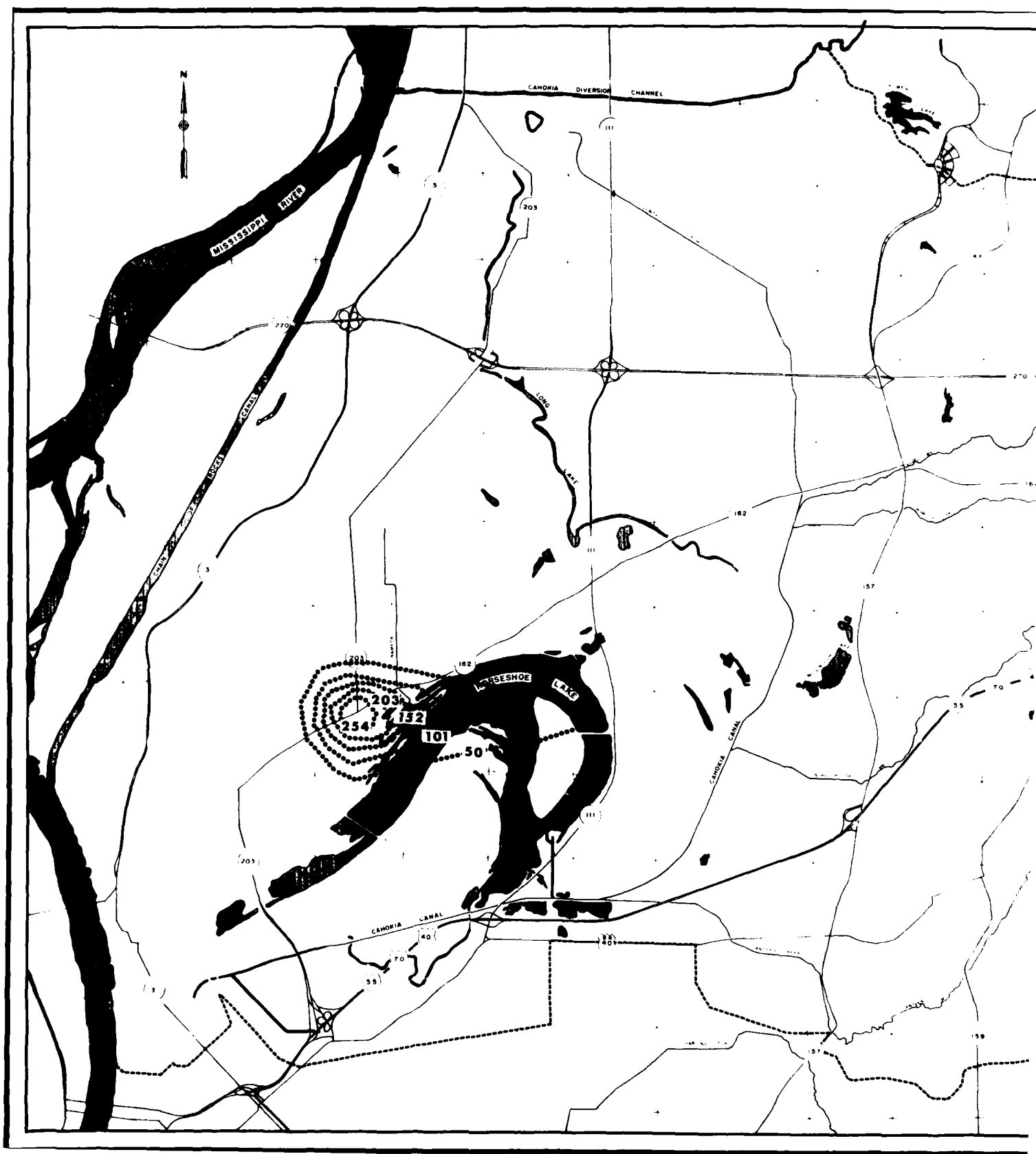
Short Term Model

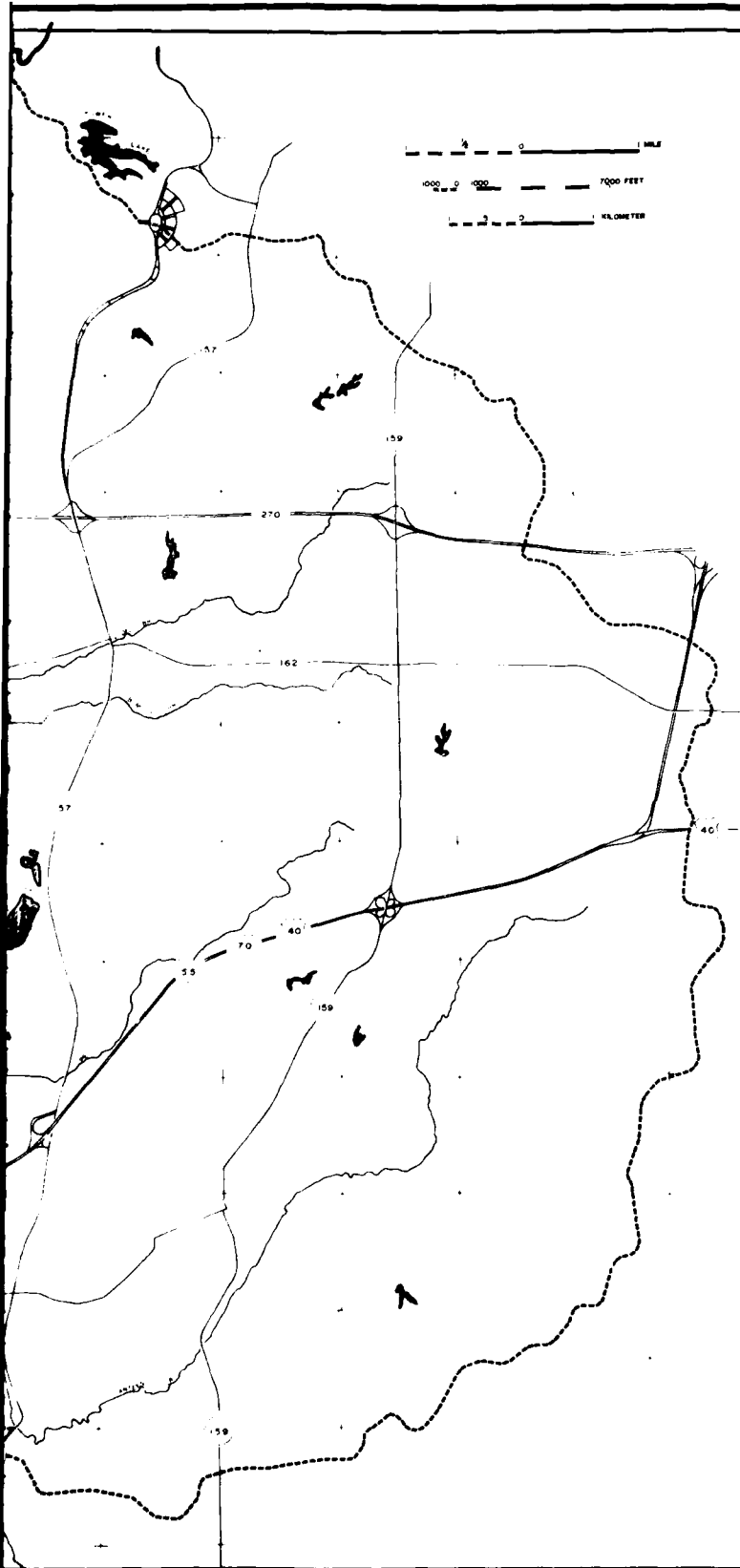
SOURCES

Illinois Environmental Protection Agency - 1977
 U S Environmental Protection Agency - Kansas
 City, Missouri District - 1978 and
 Missouri Department of Natural Resources
 Air Conservation Commission - 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. Hunt</i>	SIMULATED AMBIENT LEVELS OF SULFUR DIOXIDE STAGNATION WITH A WIND DIRECTION OF 225
	in micrograms per cubic meter
Figure III 17 Plate number	





TIME OF AVERAGE

24 hour

in micrograms per cubic meter

24 hour

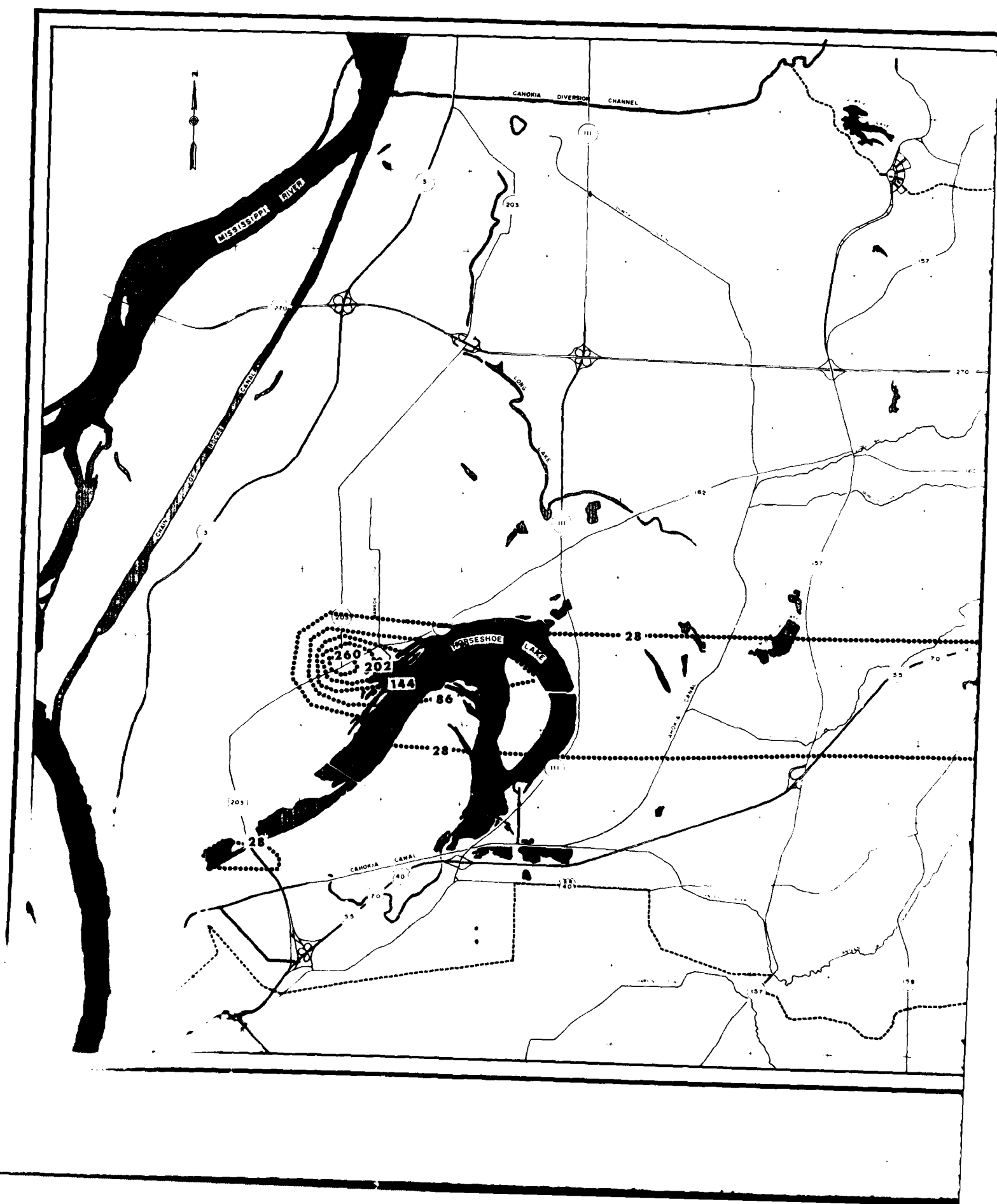
260

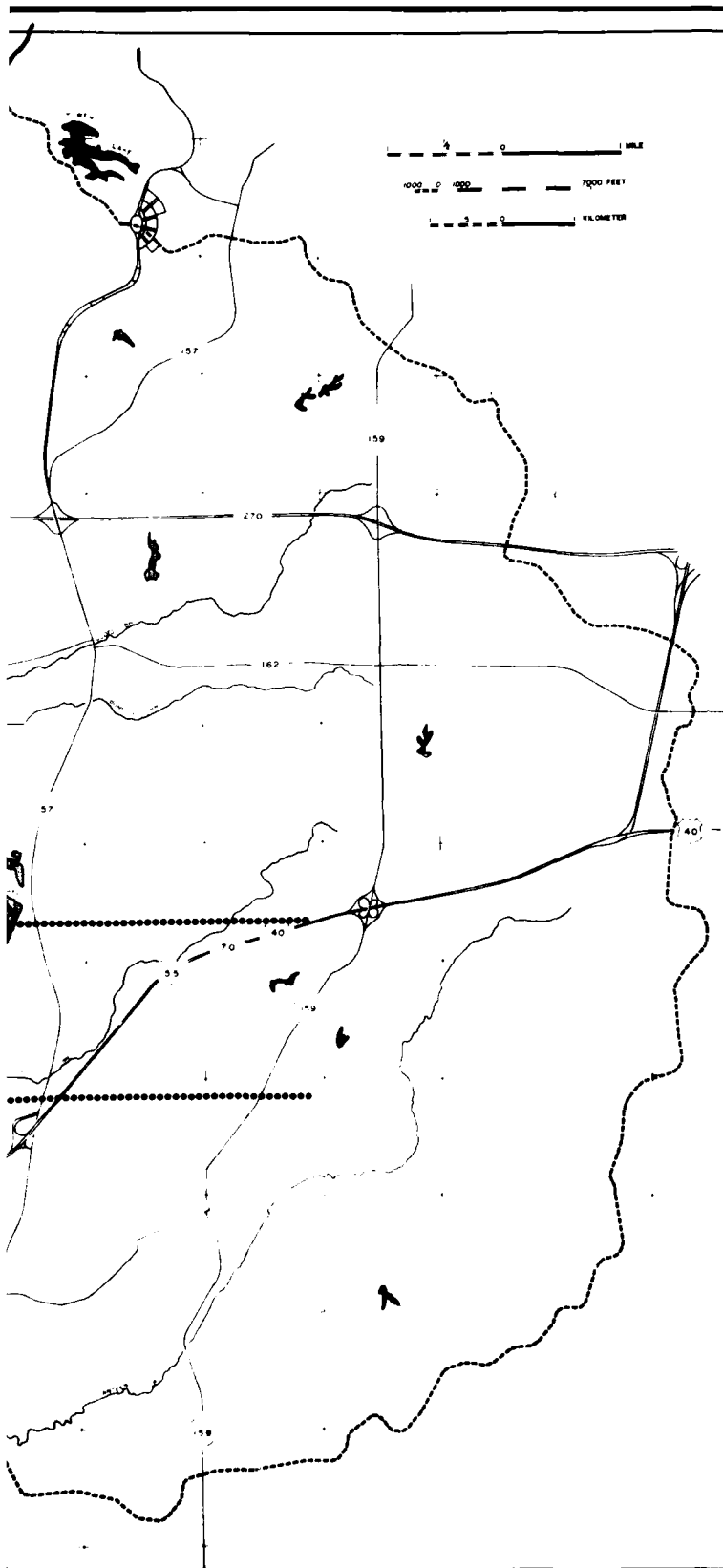
Short Term Model

April 1977
April 1978
April 1979
April 1980
April 1981
April 1982
April 1983
April 1984
April 1985
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April 1987
April 1988
April 1989
April 1990
April 1991
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April 2014
April 2015
April 2016
April 2017
April 2018
April 2019
April 2020
April 2021
April 2022
April 2023
April 2024
April 2025
April 2026
April 2027
April 2028
April 2029
April 2030

Cartography by Ben Kaiser May 1979

ENVIRONMENTAL INVENTORY	US Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles J. Thomas</i>	SIMULATED AMBIENT LEVELS OF TOTAL SUSPENDED PARTICULATES FUMIGATION WITH A WIND DIRECTION OF 270 in micrograms per cubic meter
	Figure III-18 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

1300

Drafted From Computer Output Of The Illinois EPA

Short Term Model

SOURCES

Illinois Environmental Protection Agency (1977)

U.S. Environmental Protection Agency (1977)

City of Missouri (1977)

Missouri Department of Natural Resources

Air Conservation Commission (1978)

Cartography by Ben Kaiser May 1978

ENVIRONMENTAL
INVENTORY

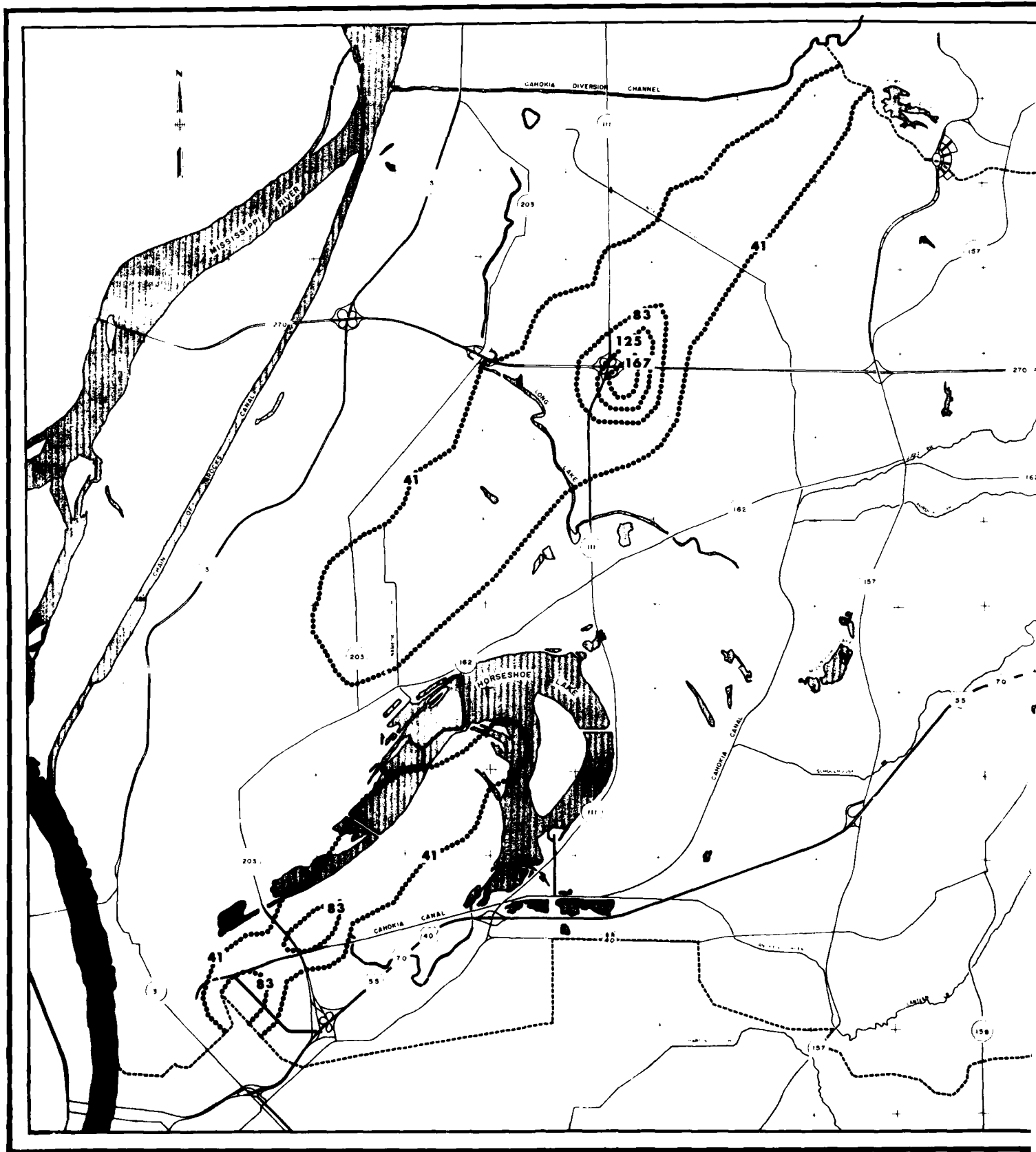
Prepared under the
direction of
Charles A. Henth

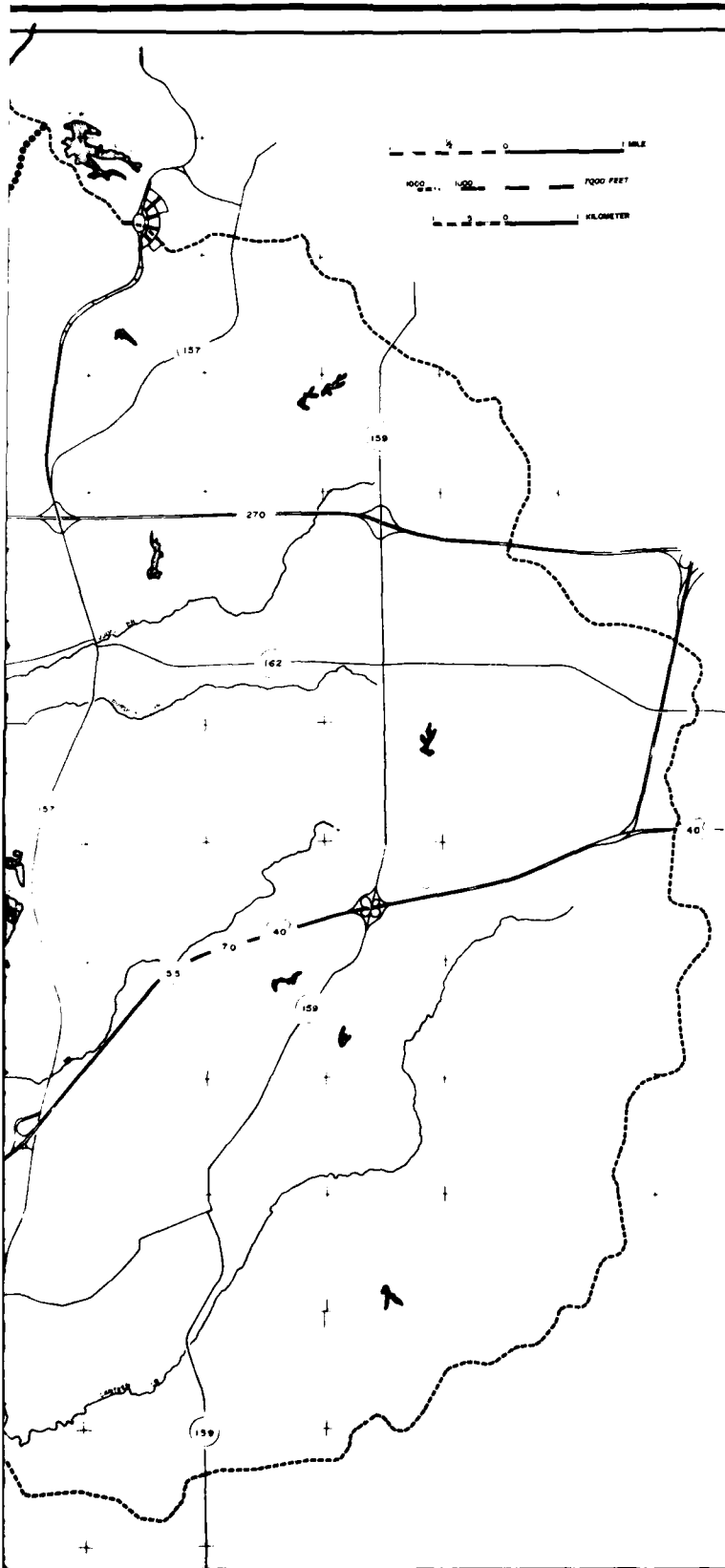
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

**SIMULATED AMBIENT LEVELS
OF SULFUR DIOXIDE
FUMIGATION WITH A
WIND DIRECTION OF 270°
in micrograms per cubic meter**

Figure III-19 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

265

Drafted From Computer Output Of The Illinois EPA

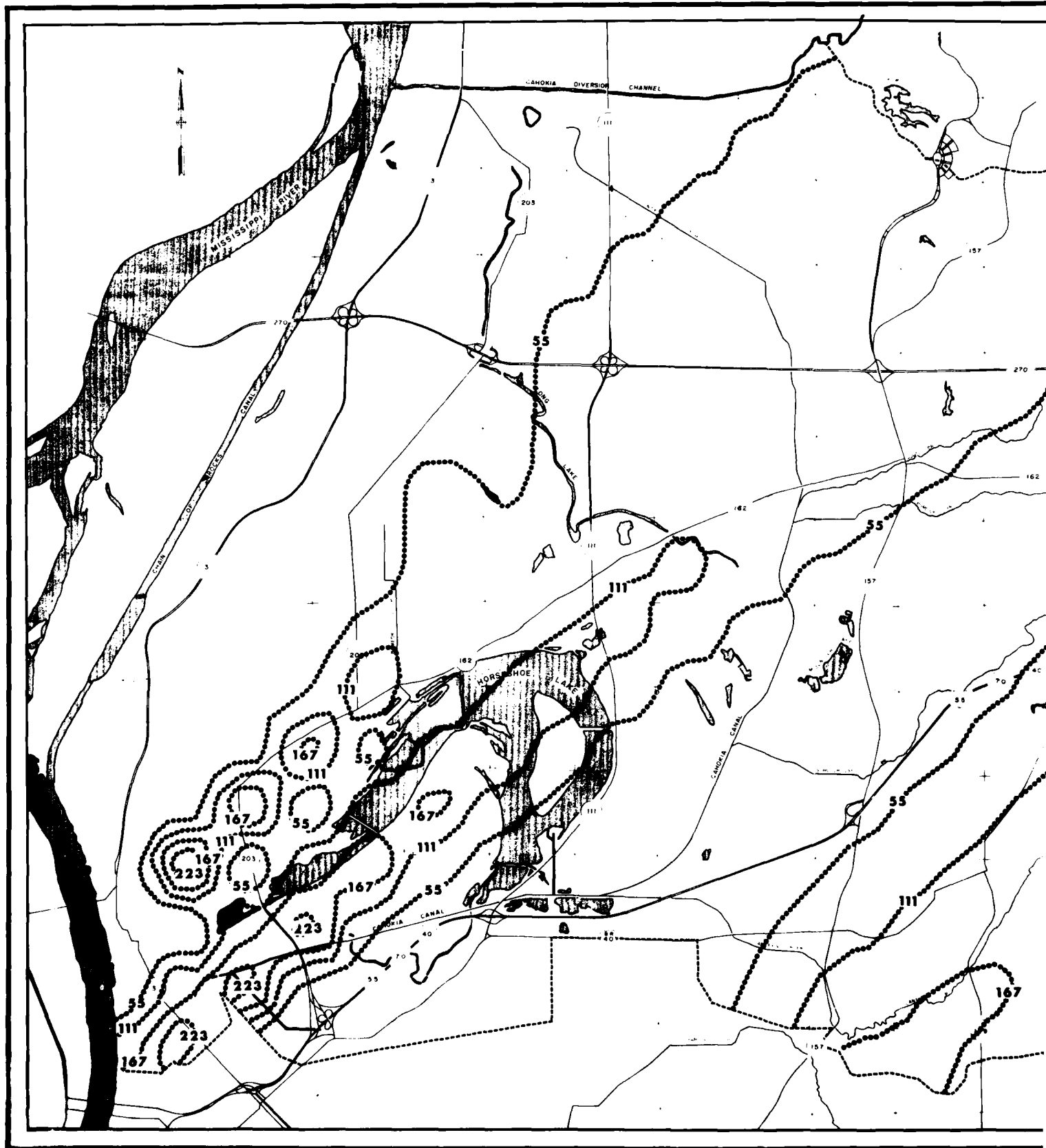
Short Term Model

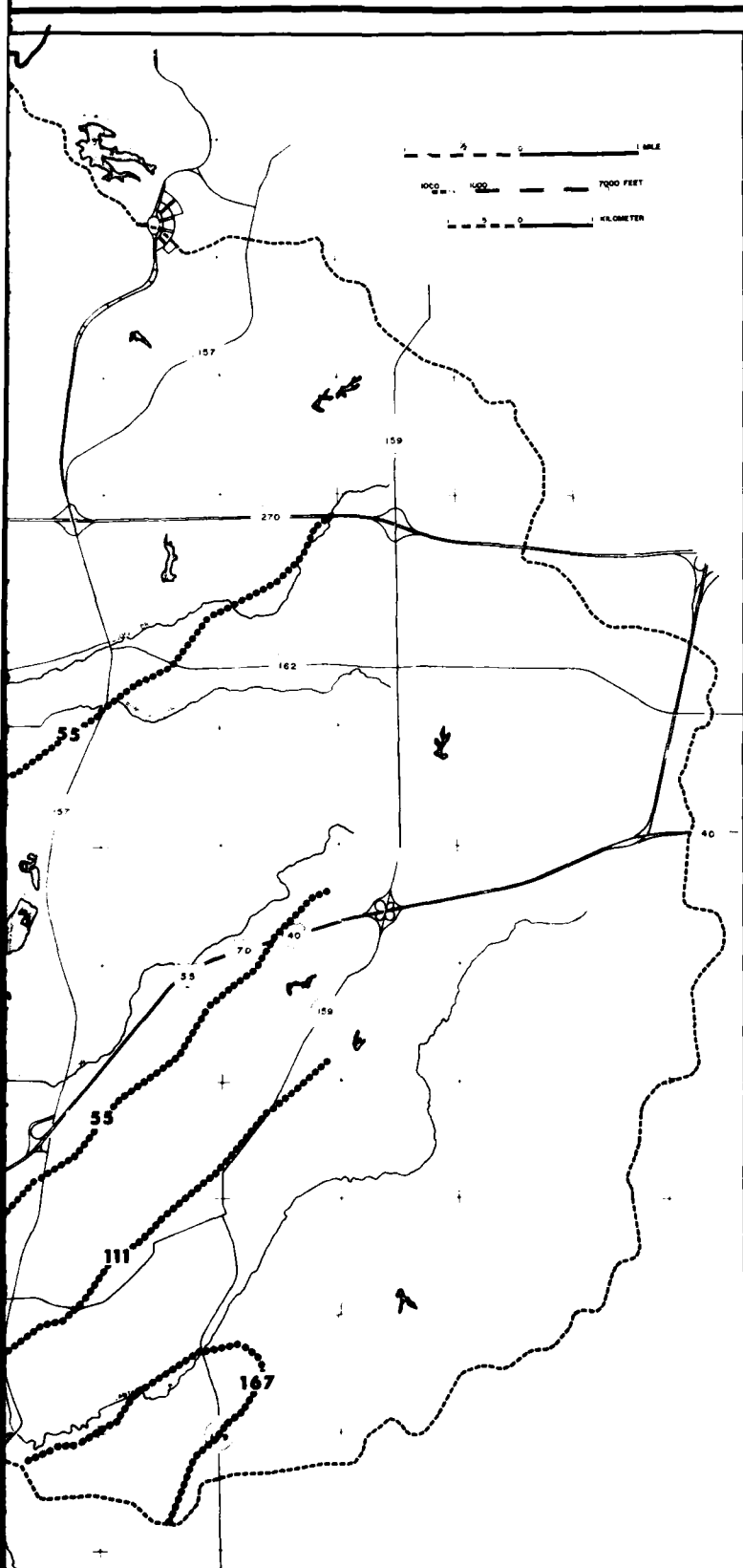
SOURCES

Illinois Environmental Protection Agency - 1977
 U. S. Environmental Protection Agency - Kansas
 City - Missouri District - 1978, and
 Missouri Department of Natural Resources,
 Air Conservation Commission - 1978

Cartography by Ron Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. Hunt</i>	SIMULATED AMBIENT LEVELS OF TOTAL SUSPENDED PARTICULATES DISPERSION WITH A WIND DIRECTION OF 225° in micrograms per cubic meter
	Figure III-20 Plate number





TIME OF AVERAGE

PRIMARY STANDARD

in micrograms per cubic meter

24 hour

365

Drafted from Computer Output of The Illinois EPA

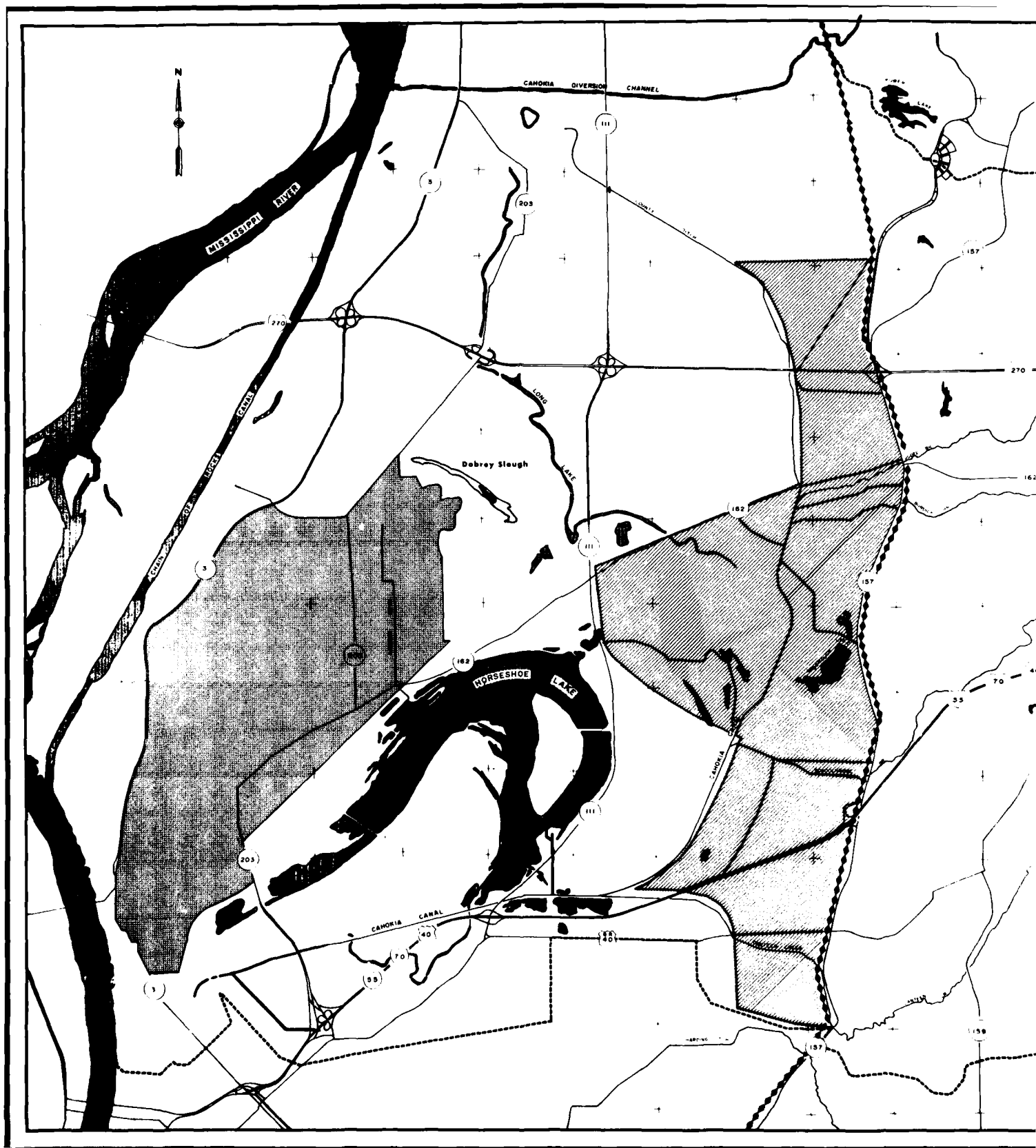
Short Term Model

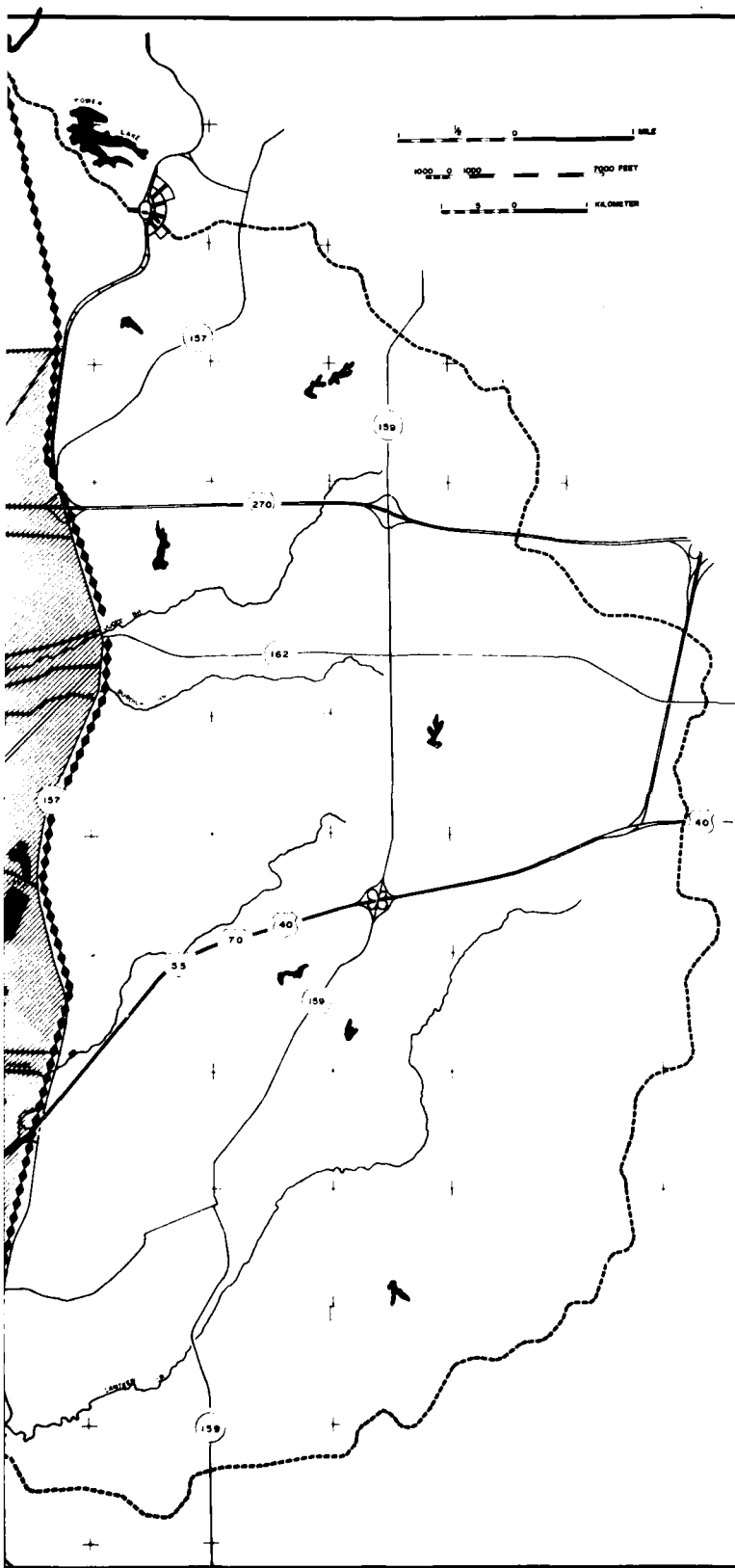
SOURCES




Illinois Environmental Protection Agency - 1977
 U. S. Environmental Protection Agency - Kansas
 City - Missouri District - 1978 - and
 Missouri Department of Natural Resources -
 Air Conservation Commission - 1978

Cartography by Ben Kaiser May 1979

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA SIMULATED AMBIENT LEVELS OF SULFUR DIOXIDE DISPERSION WITH A WIND DIRECTION OF 225° in micrograms per cubic meter
Prepared under the direction of <i>Charles A. Smith</i>	Figure III-21 Plate number



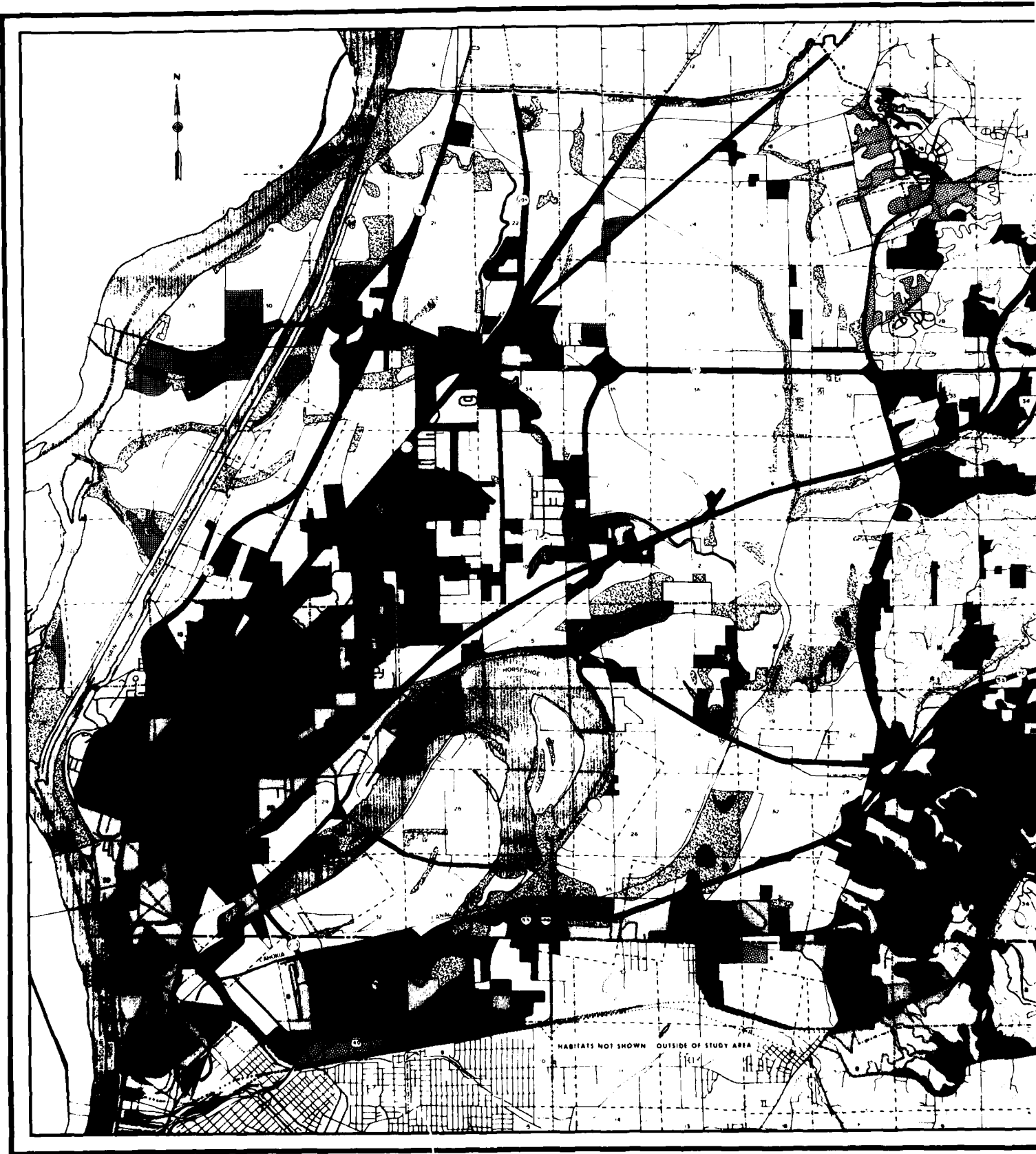


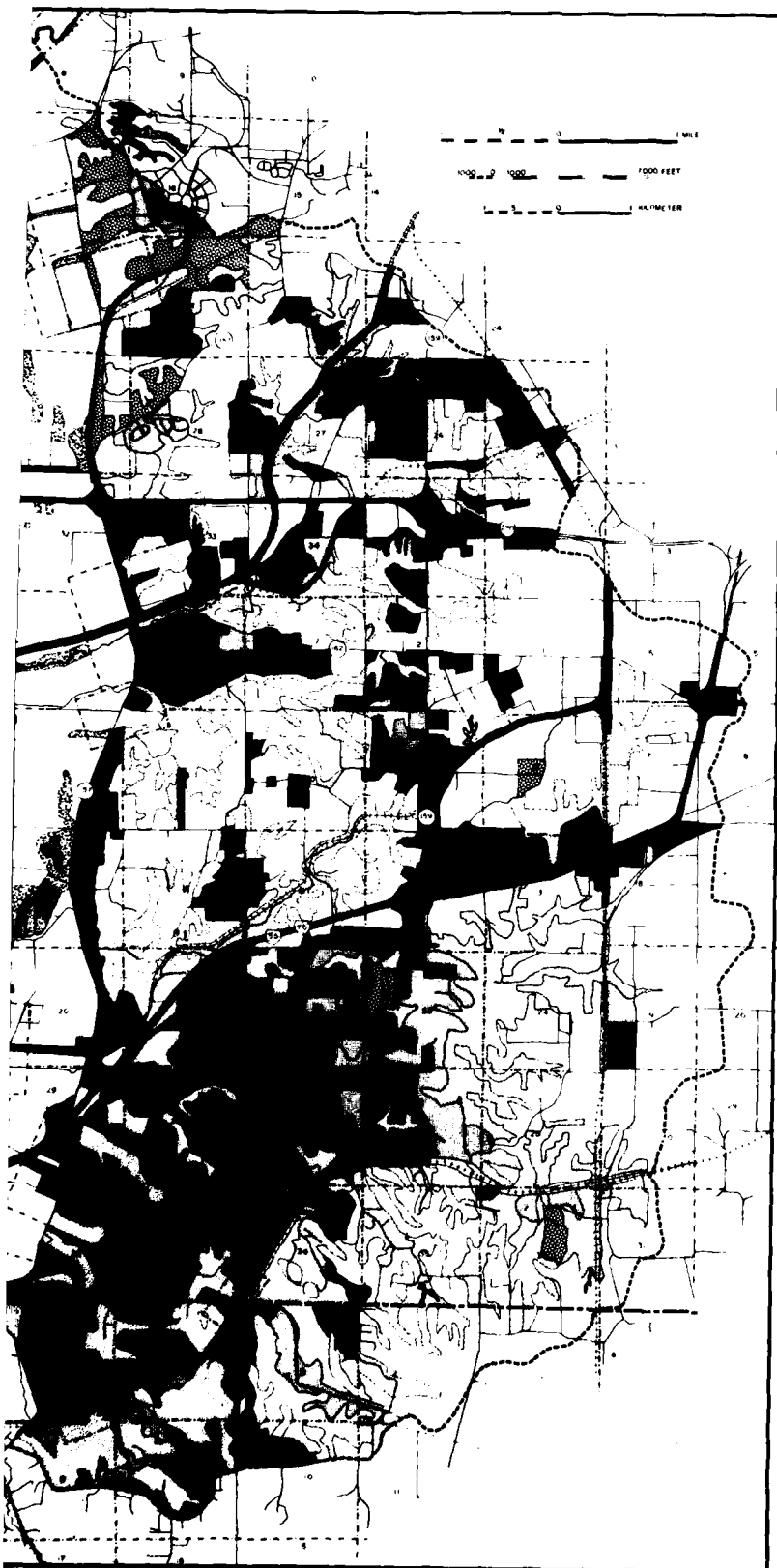
-  **U.S. ARMY CORPS OF ENGINEERS
PROBABLE CONSTRUCTION SITES**
-  **GRANITE CITY—MADISON—VENICE
URBAN COMPLEX**
-  **EASTERN LIMITS OF THE
AMERICAN BOTTOMS**











Source: U.S. Army Corps of Engineers St. Louis District, Design Section

Drafted by Ben Kalsar, March 1979

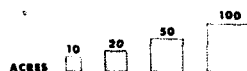
ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	AREAS OF PROBABLE CONSTRUCTION AS OF MARCH 1979
Prepared under the direction of <i>Chas. A. Smith</i>	Figure IV-1 Plate number





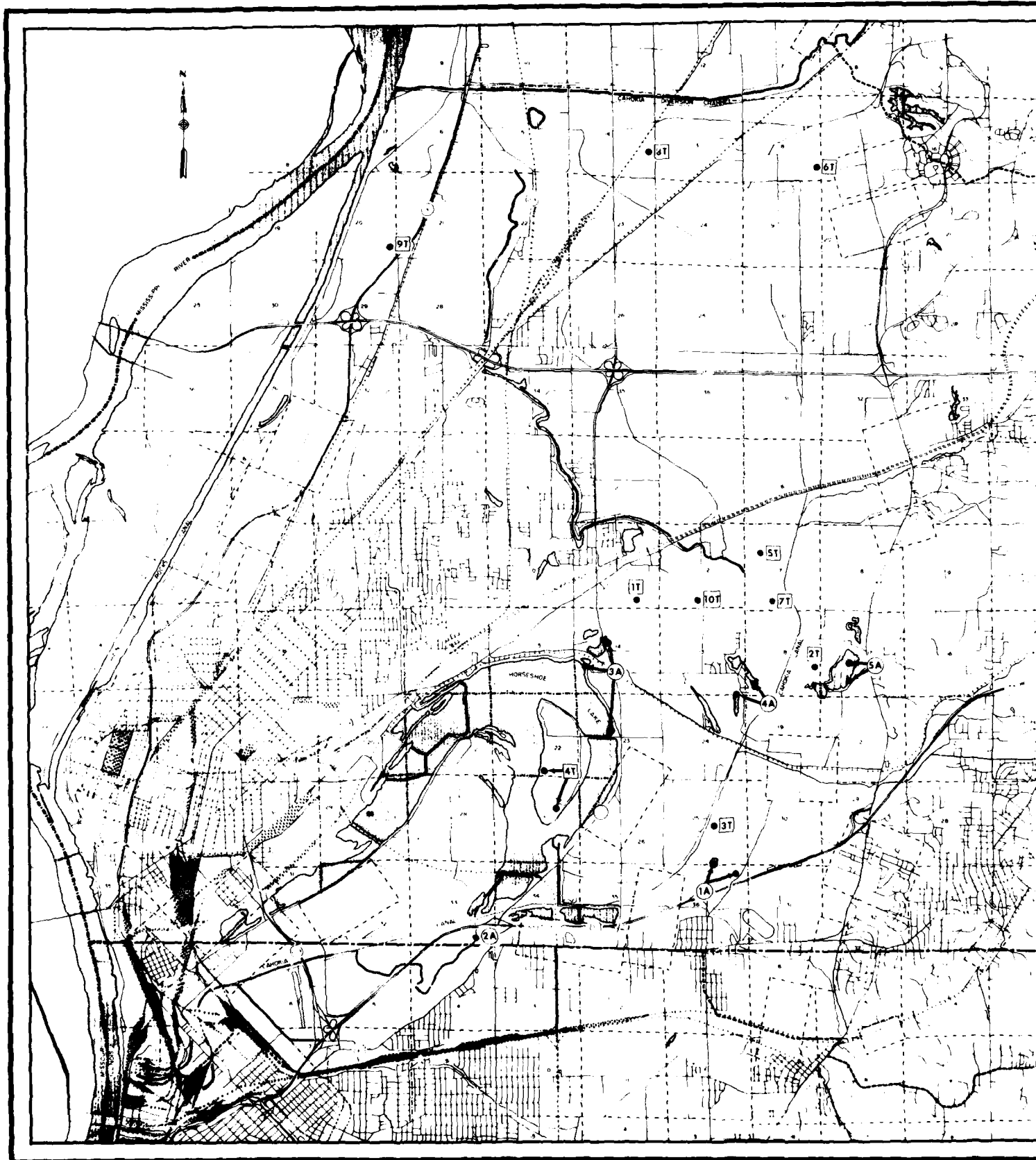
ACREAGE				URBAN TYPES	
UPLANDS	FLOODPLAIN	ISLAND	TOTAL		
130	4,658	148	4,936		CITY
10,018	10,626	371	21,155		SUBURBAN
1,391	4,631	130	6,152		EXURBAN
				NON URBAN TYPES	
11,740	29,105	2,626	43,471		AGRICULTURAL
676	184	0	860		OLD FIELD
7,387	0	0	7,387		UPLAND FOREST
0	3,757	783	4,540		FLOOD PLAIN FOREST
70	2,483	10	2,563		LAKES AND PONDS
0	47	113	162		SAND BARS AND MUD FLATS
0	1,600	480	2,080		MARSHES AND WETLANDS
31,412	57,091	4,803	93,306	TOTALS	

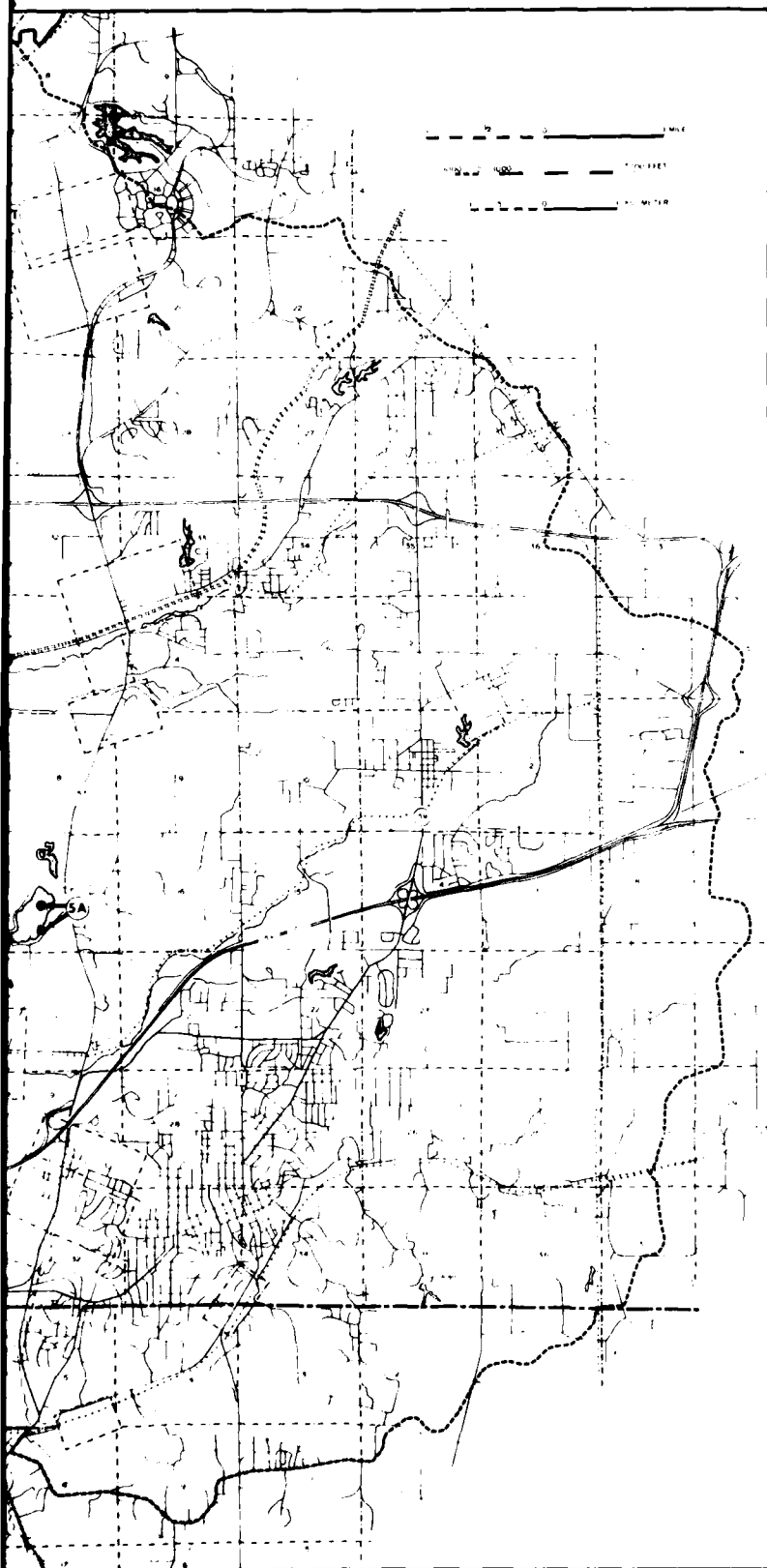
SOURCE: September 1974 air photos.



Cartography by David Cleveland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>[Signature]</i>	HABITATS
	Figure V-1 Plate number





● (1A) **AQUATIC SITES**
(1A - 5A)

● (1T) **TERRESTRIAL SITES**
(1T - 10T)

SOURCE: Field Survey, August - September, 1978.

Cartography by David Clelland

ENVIRONMENTAL
NATURALITY

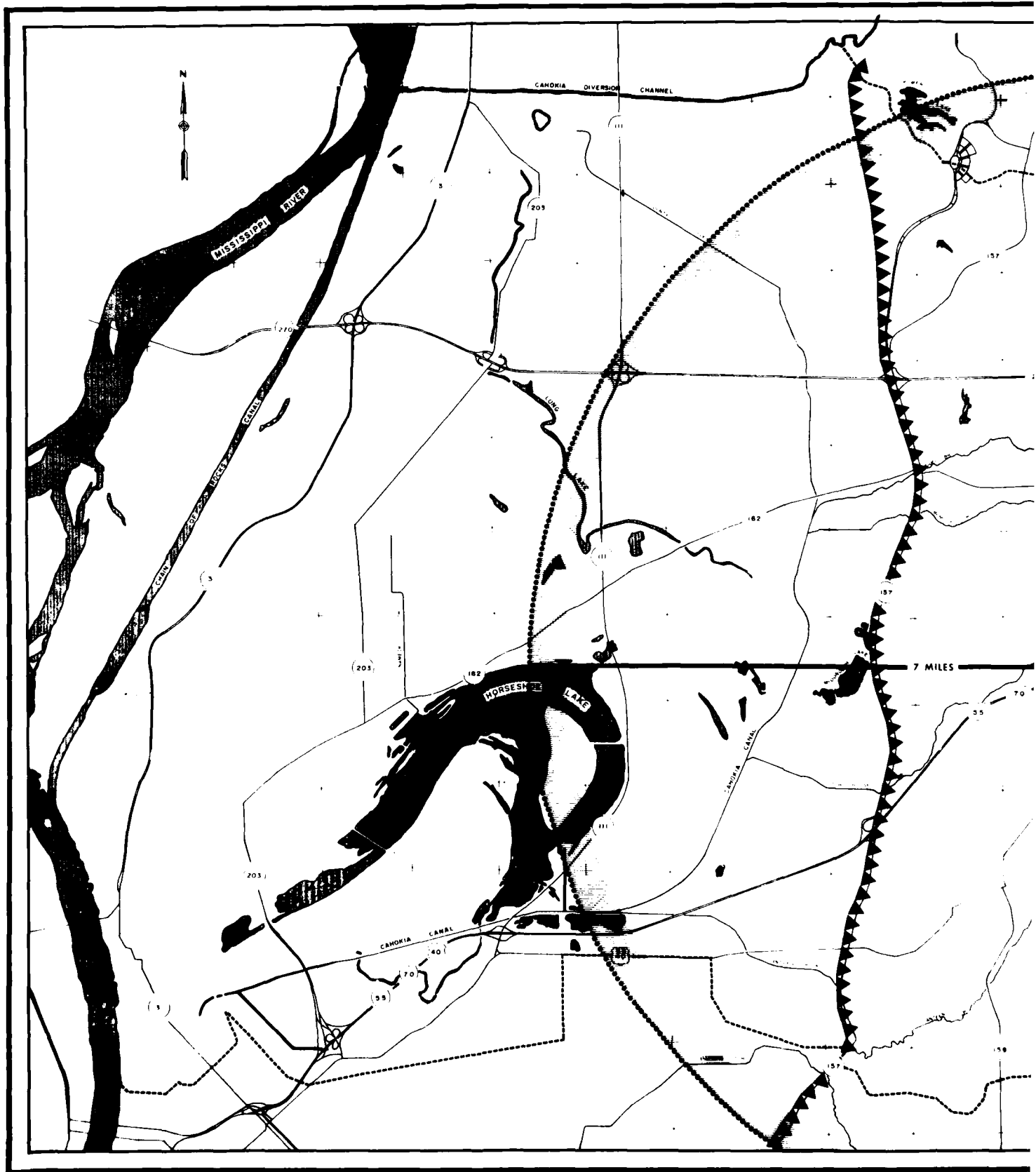
Prepared under the
direction of
Frank J. [unclear]

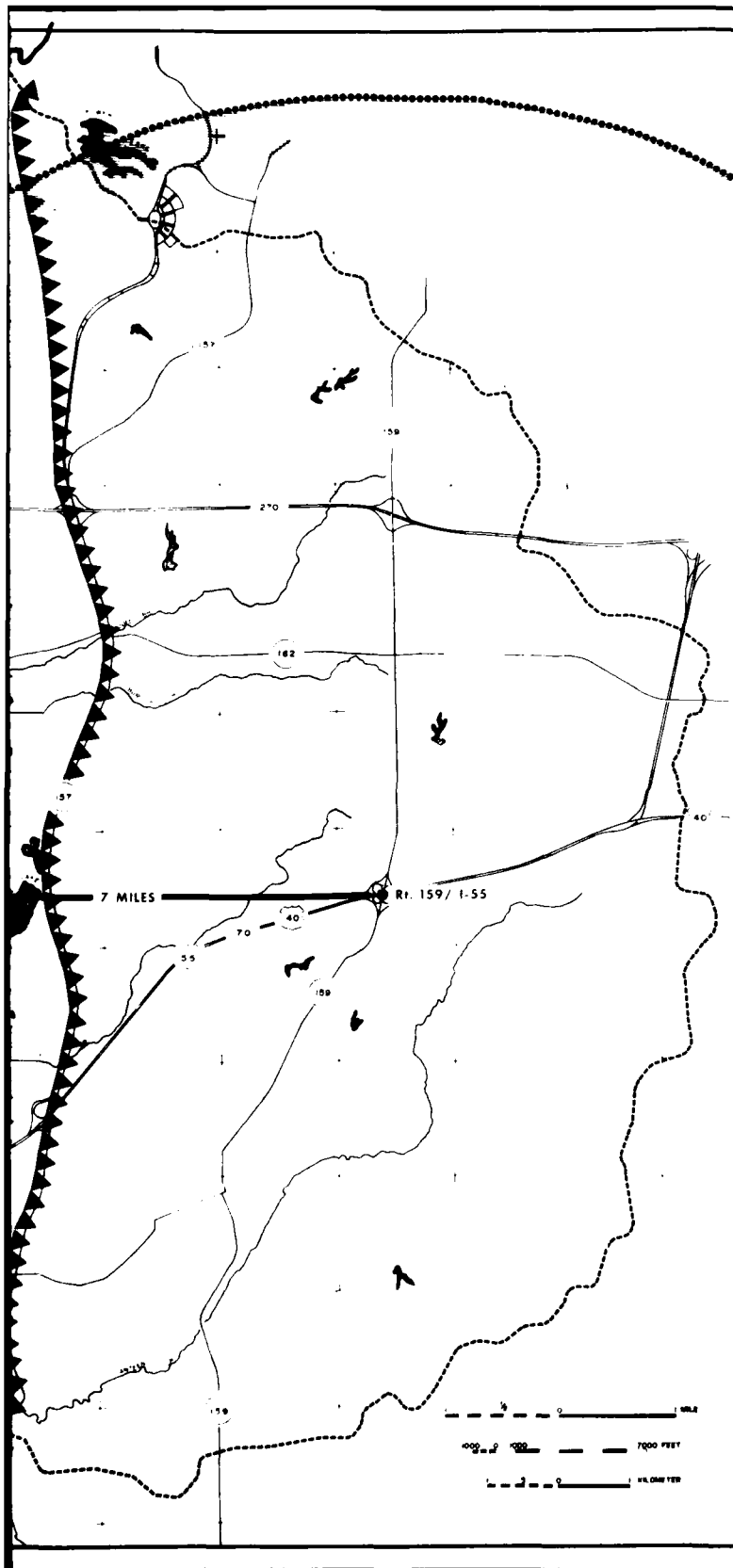
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

AQUATIC AND TERRESTRIAL SITES
SAMPLED QUANTITATIVELY
1978

Figure VI I Plate number





STUDY AREA



BLUFF LINE



CAHOKIA CANAL DRAINAGE AREA
BOUNDARY

Cartography by David Claffand

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	AREA INCLUDED IN THE AUDUBON CHRISTMAS BIRD COUNT 1978
Prepared under the direction of <i>John H. ...</i>	Figure A-1 Map number

AD-A094 746

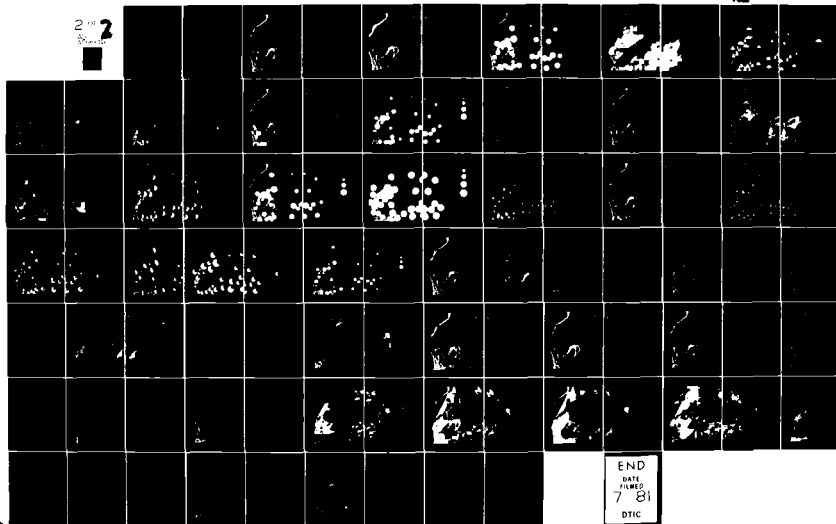
ENVIRONMENTAL RESEARCHERS OF EDWARDSVILLE INC IL F/8 13/2
ENVIRONMENTAL INVENTORY REPORT. EAST ST. LOUIS AND VICINITY, CA--ETC
MAY 81

DACW93-78-C-0055

ML

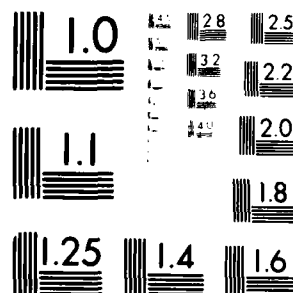
UNCLASSIFIED

2 2

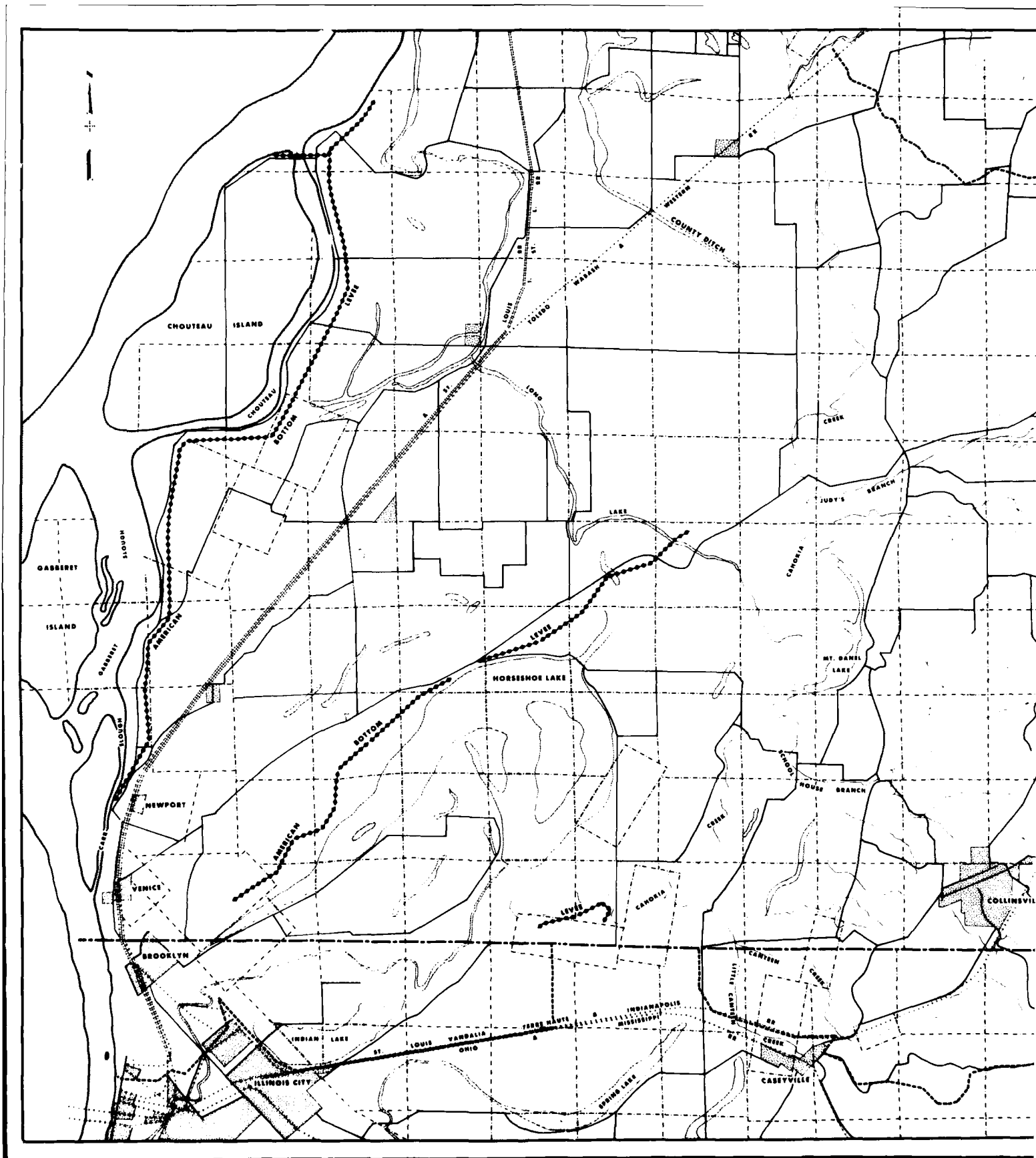


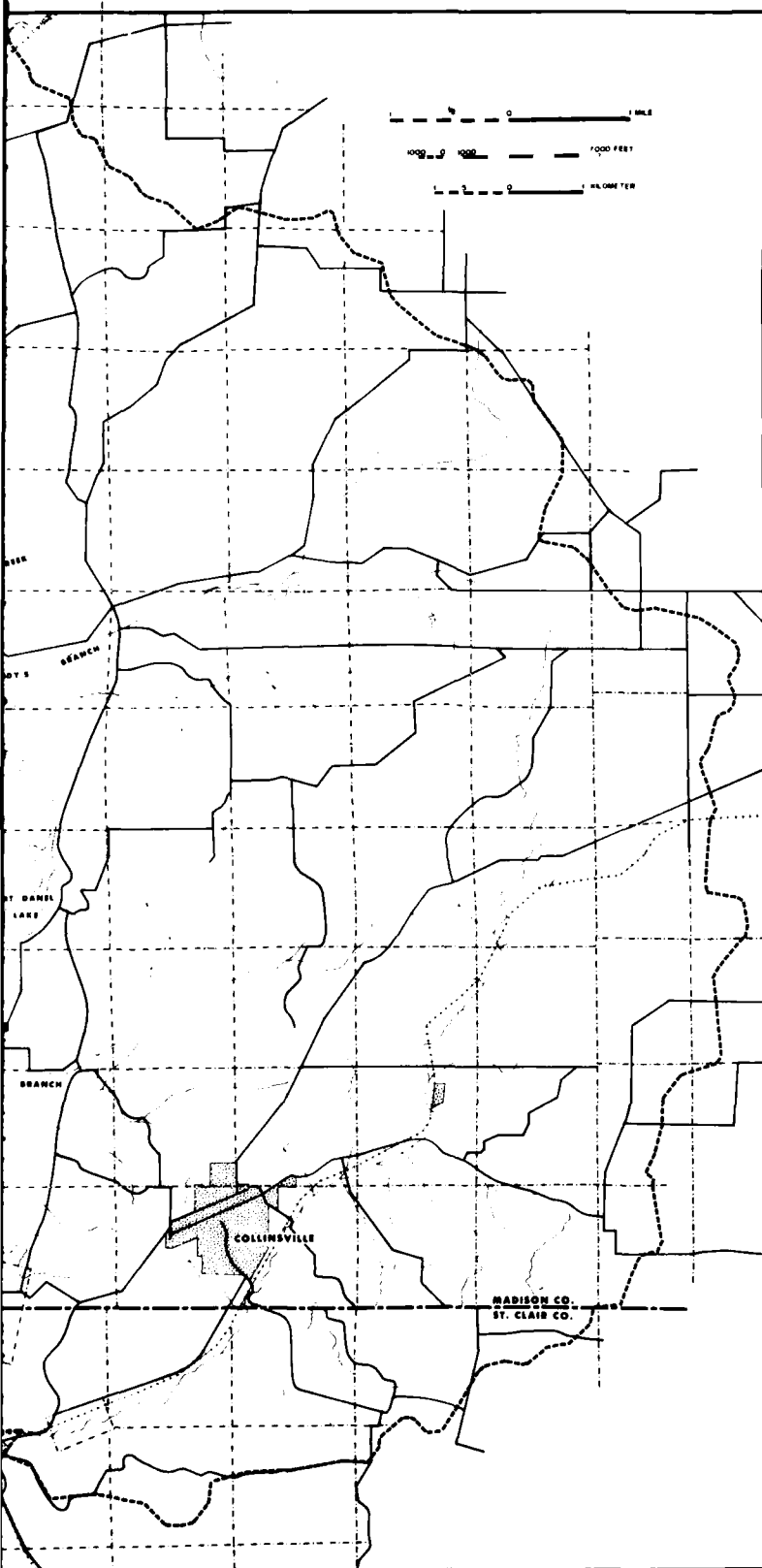
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DATE
FILMED
7 81
DTIC








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D
099746



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A



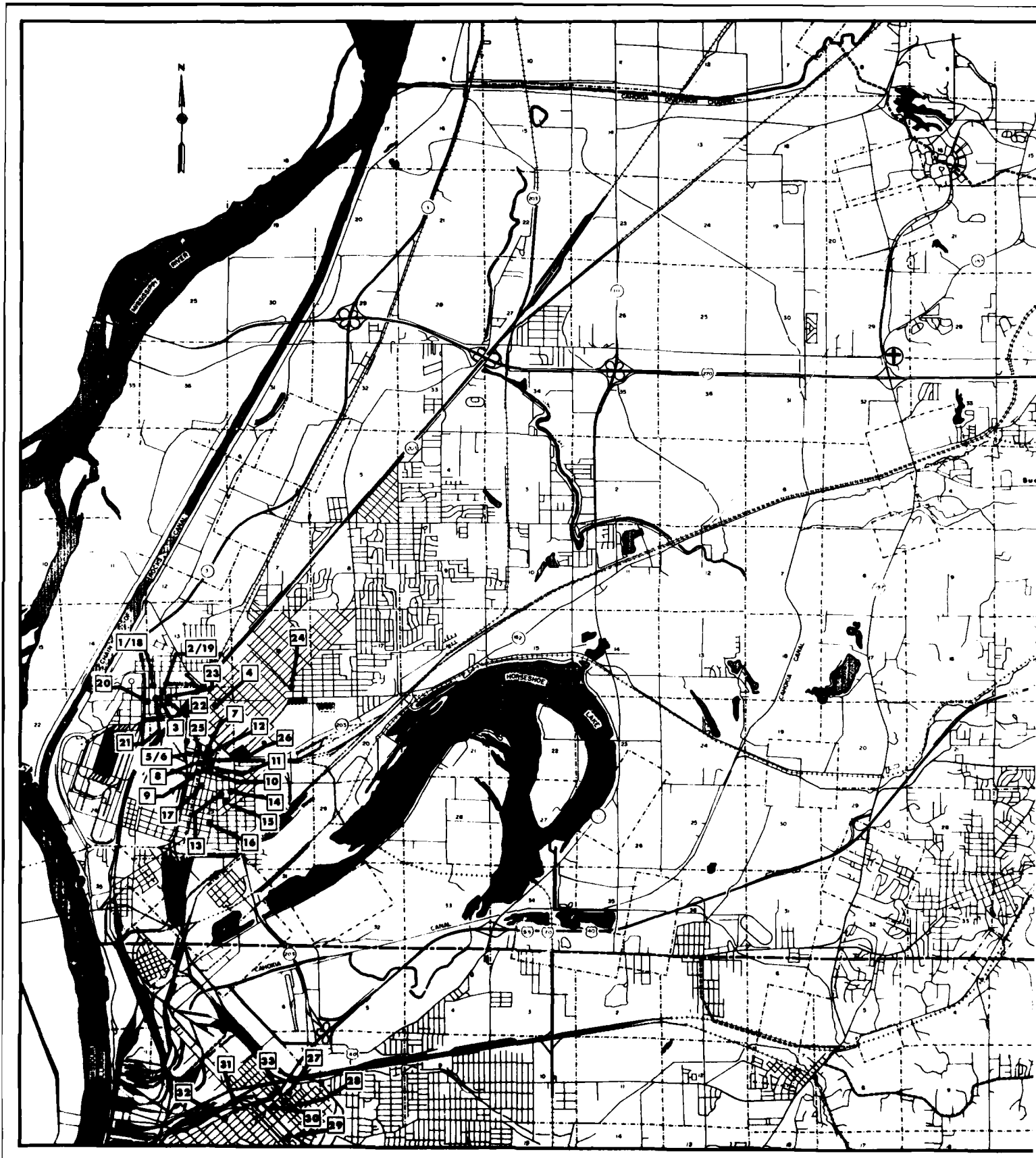


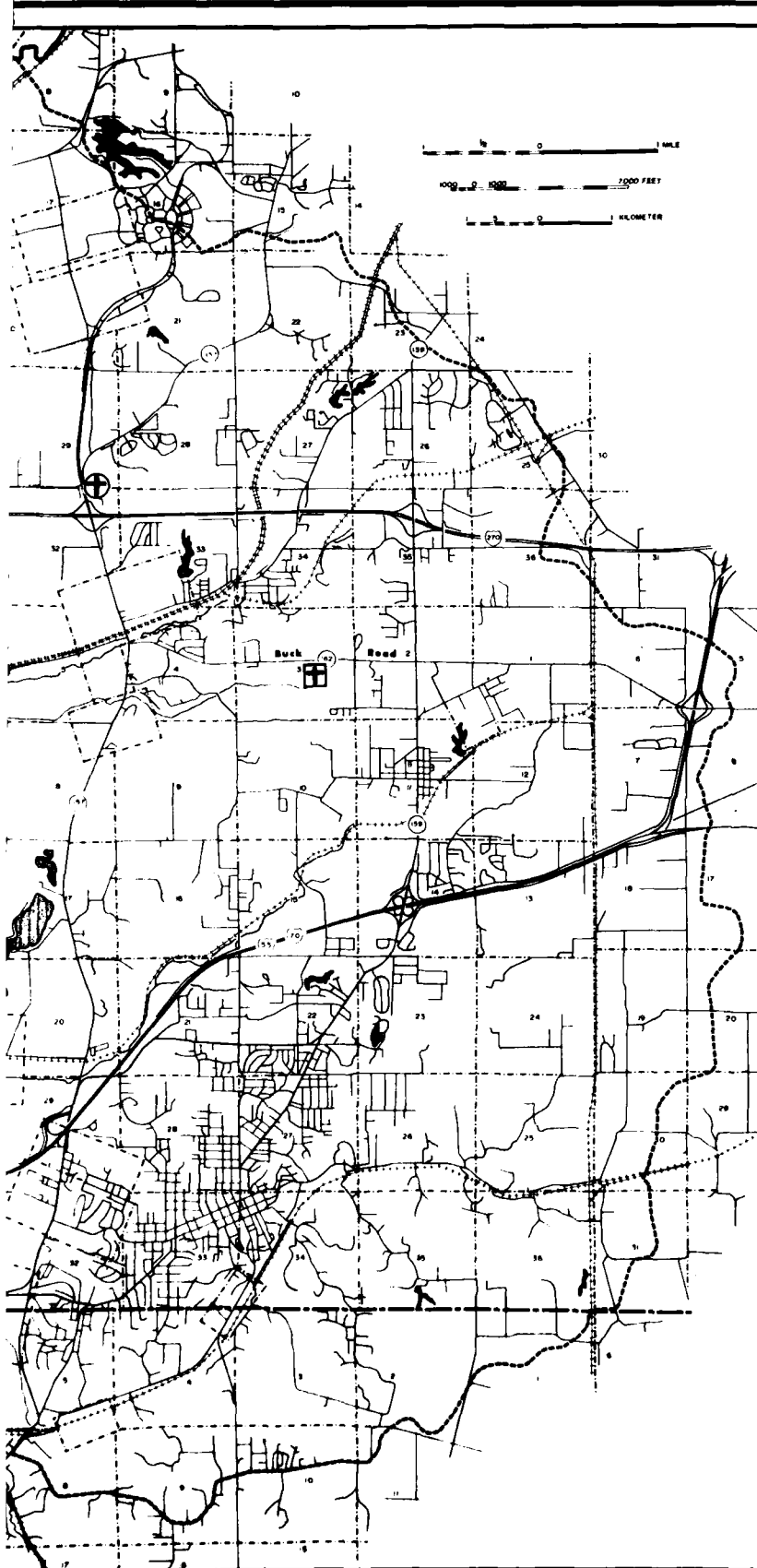
-  **URBAN AREA**
-  **WATER**
-  **ROAD**
-  **RAILROAD**
-  **SECTION LINE**
-  **LEVEE**
-  **STREAM**

Source: Adapted from the Illustrated Encyclopedia and Atlas Map
of Madison County, 1873 and the Illustrated Historical
Atlas of St. Clair County, 1874.

Cartography by Cindi Longwisch

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	SETTLEMENT 1873 / 1874
Prepared under the direction of <i>Robert L. Kuylenstierna</i>	Figure XIV 1 Plate number





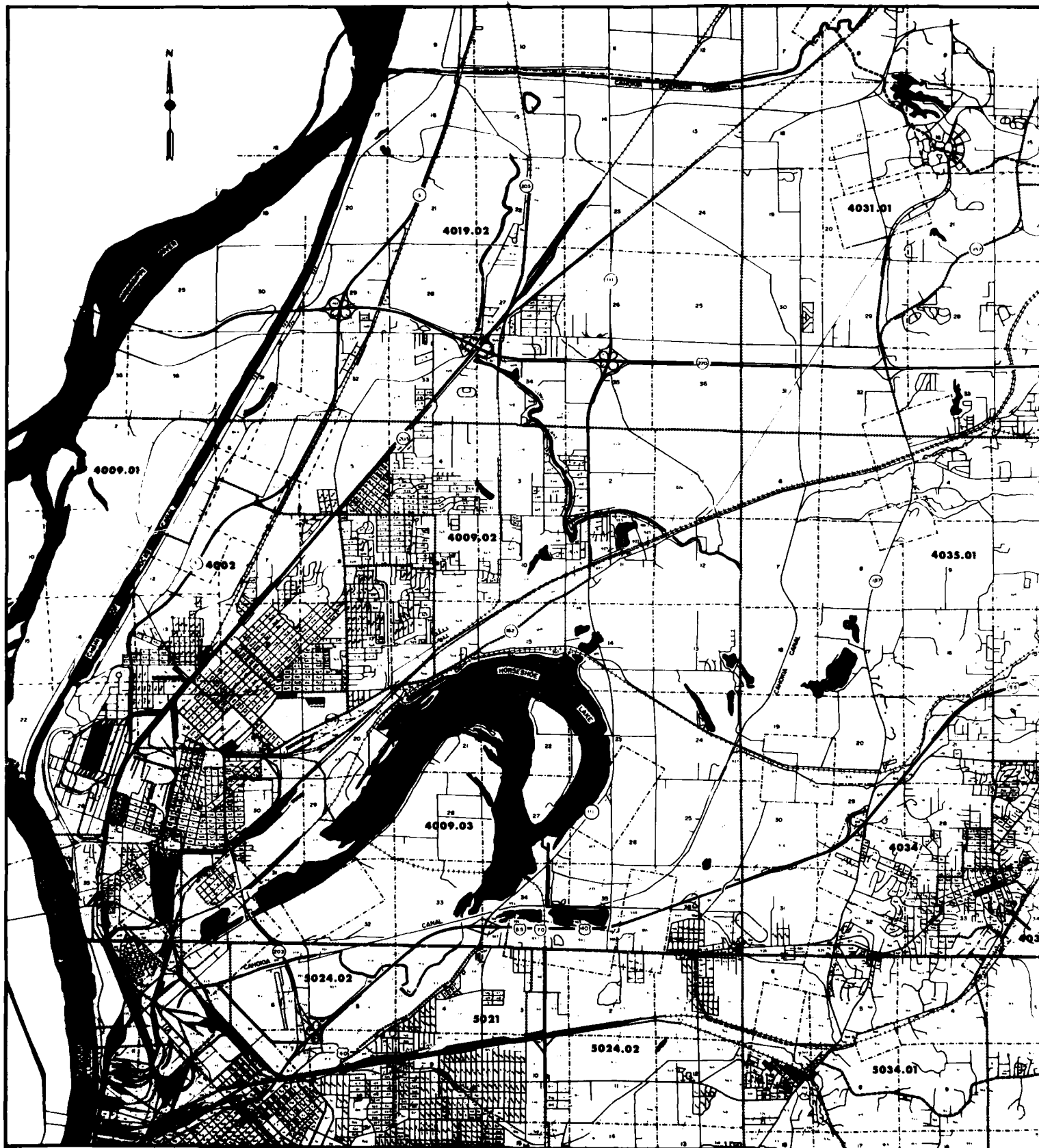
1. Hungarian Home
2. St. Gregory the Illuminator Apostolic Church
3. Armenian Social Hall
4. Nareden Glas
5. Slovene National Benefit Society
6. Croatian Fraternal Union
7. Bulgarian Socialist Labor Federation and Rabotniceska Pravota
8. Bulgarian Church of Holy Trinity
9. Bulgarian Coffee House
10. Bulgarian Coffee House
11. St. Mary's Greek Catholic Church
12. Slovak Booster Club (St. Joseph's Lodge)
13. St. Mary's Catholic Church
14. Sacred Heart of Jesus Polish National Catholic Church
15. Polish National Hall
16. Russian Orthodox Church of the Nativity of Virgin Mary
17. Croatian Hall
18. Mexican-American Society
19. SS. Cyril and Methodius Bulgarian Orthodox Church
20. Hungarian Baptist Church
21. Hungarian Sepesi Hall
22. Mitsell's
23. Lincoln Place Progressive Club
24. Slovak Lutheran Church of St. John the Evangelist
25. Unfinished first Bulgarian church in the U.S.A.
26. Slovak Apostolic Christian Church
27. Croatian Hall
28. Czech National Hall
29. Lithuanian Immaculate Conception Church
30. Ukranian National Home
31. Polish Hall
32. St. Adalbert Church
33. SS. Cyril and Methodius Catholic Church

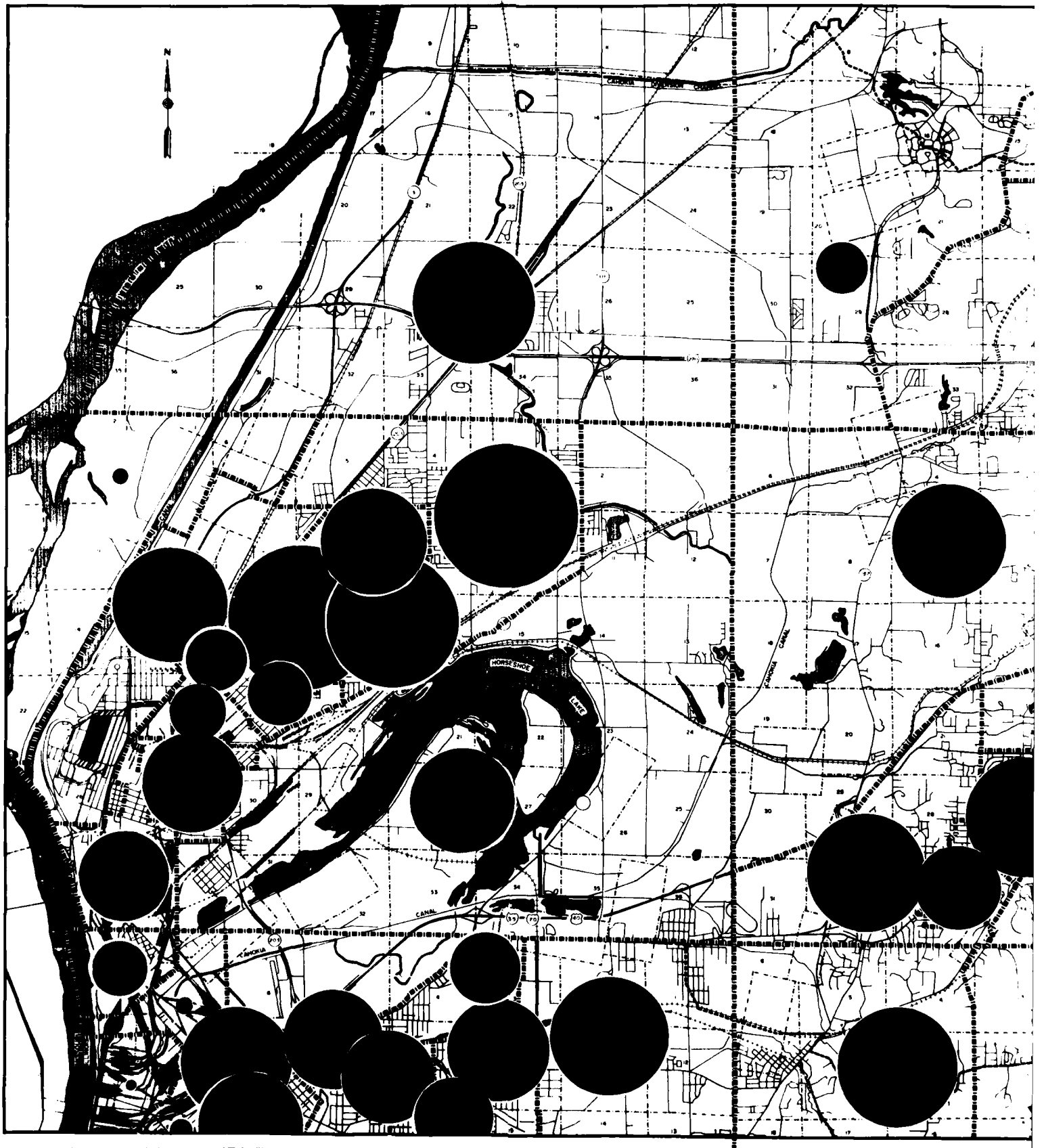
⊕ Russian Orthodox Cemetery

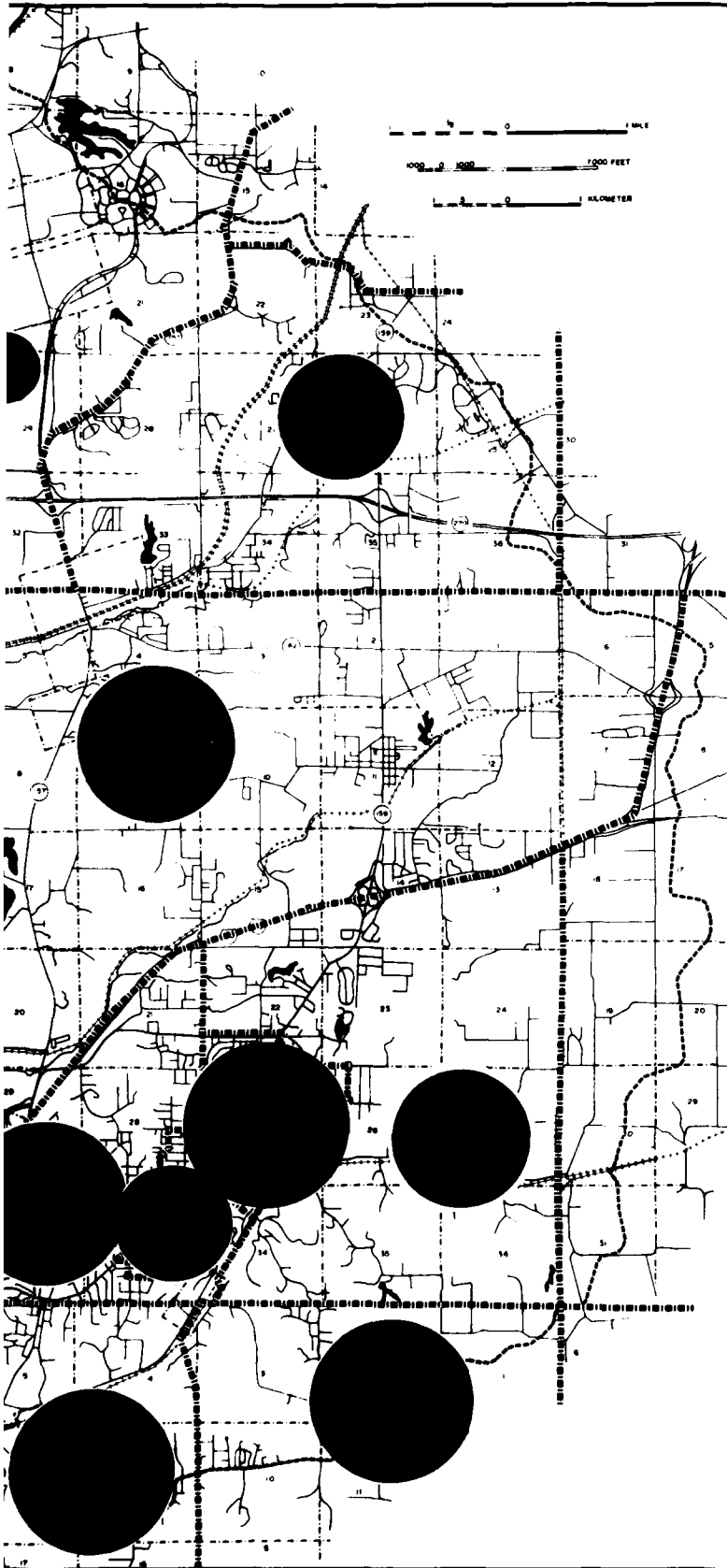
⊕ Czech Catholic Cemetery

Map by David Clifland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Stanley B. Hinchell</i>	EAST EUROPEAN ETHNIC LANDMARKS 1978
Figure XV.1 Plate number	

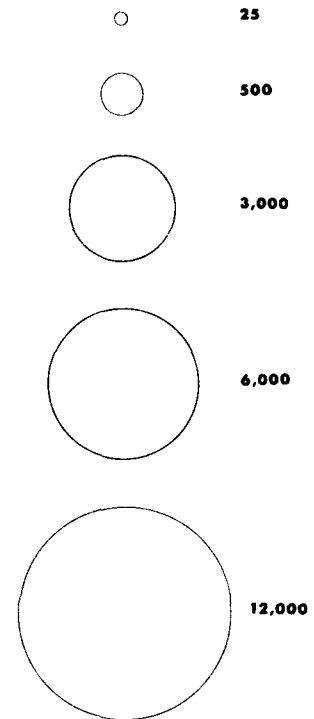






TOTAL NUMBER ALL PERSONS	NUMBER OF TRACTS
7598- 12,099	9
5093- 7201	8
2769-4941	8
28- 2339	9
	<hr/> 34

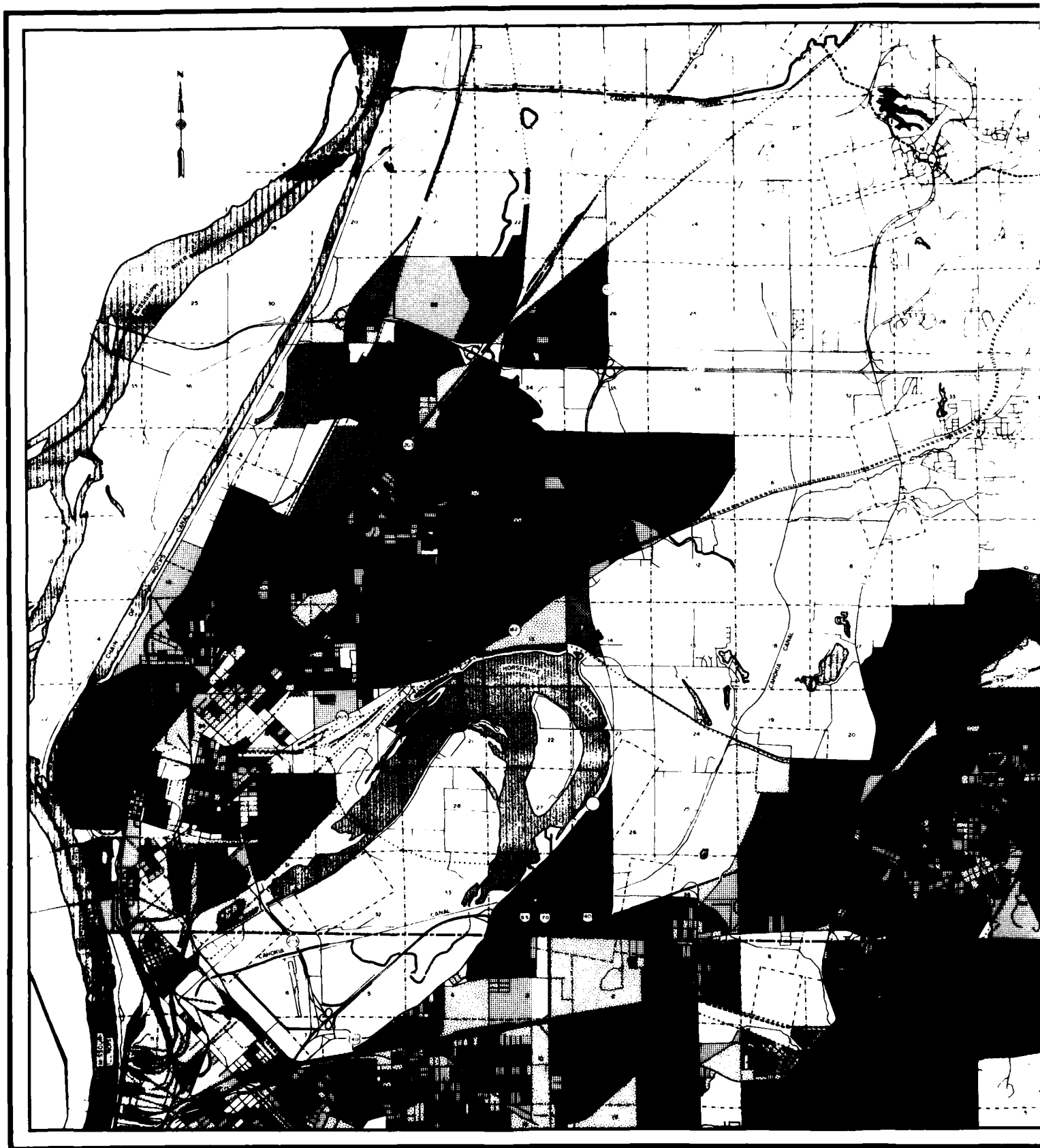
NUMBER OF PERSONS

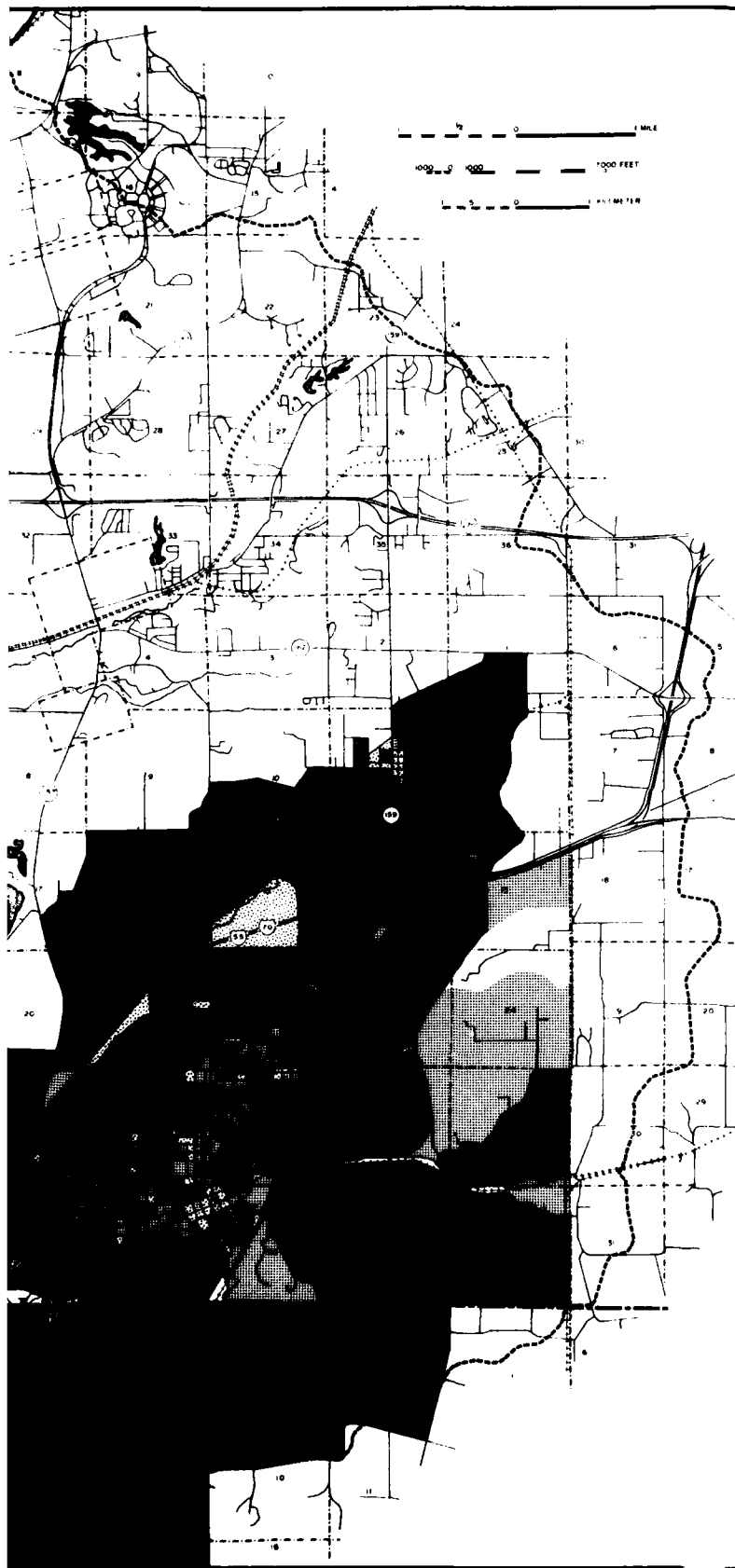


SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo.-III. SMSA, Table P-1.

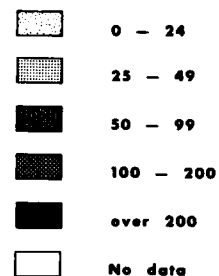
Cartography by Andrew Keepke and David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert E. Keepke</i>	TOTAL NUMBER ALL PERSONS BY CENSUS TRACTS 1970
Figure XVI-2 Plate number	





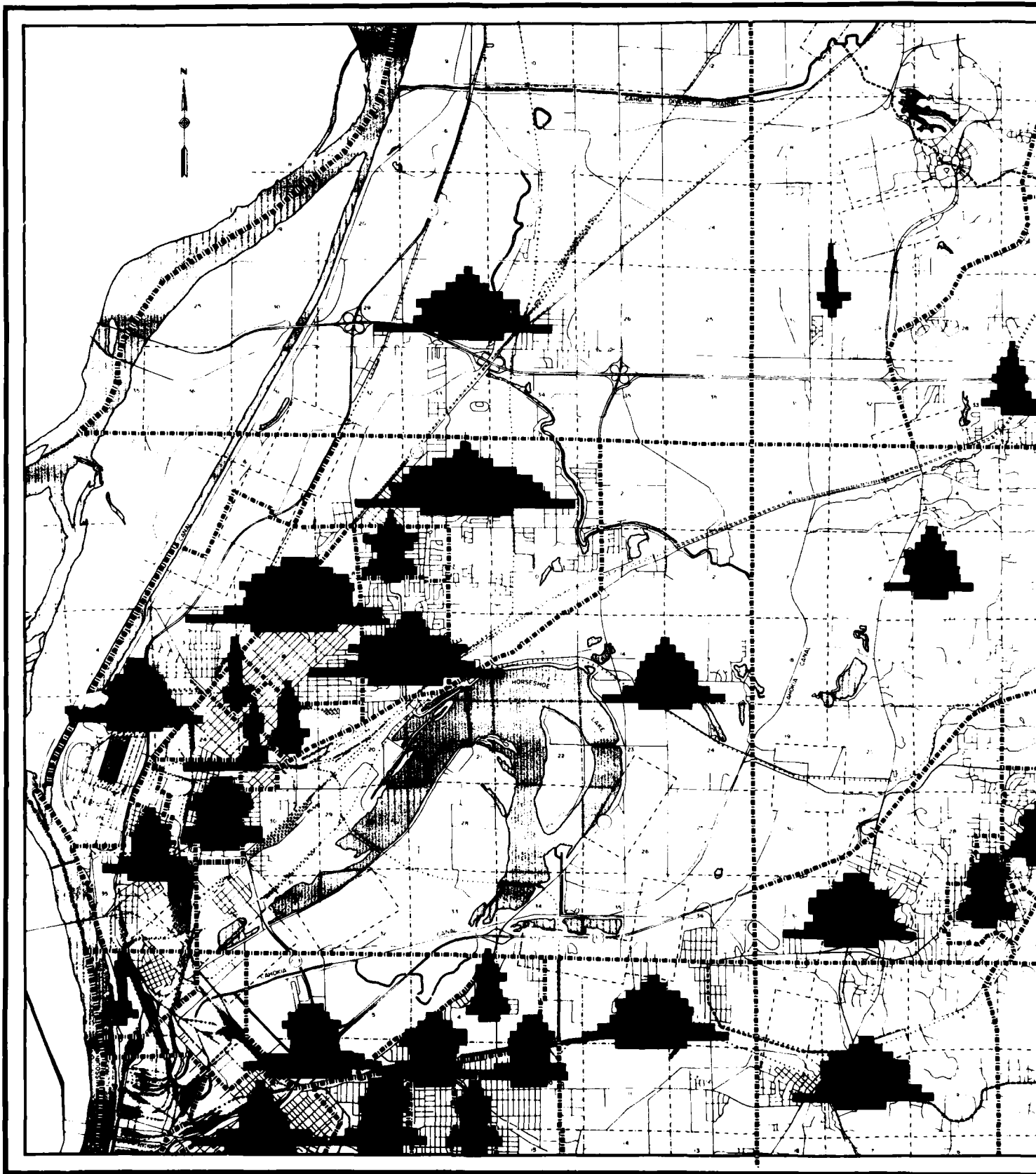
Number of Persons

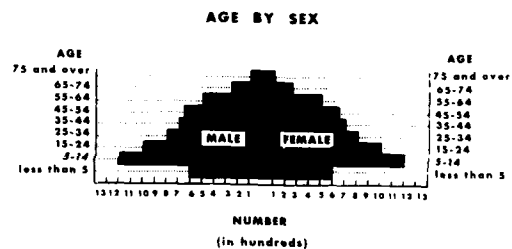
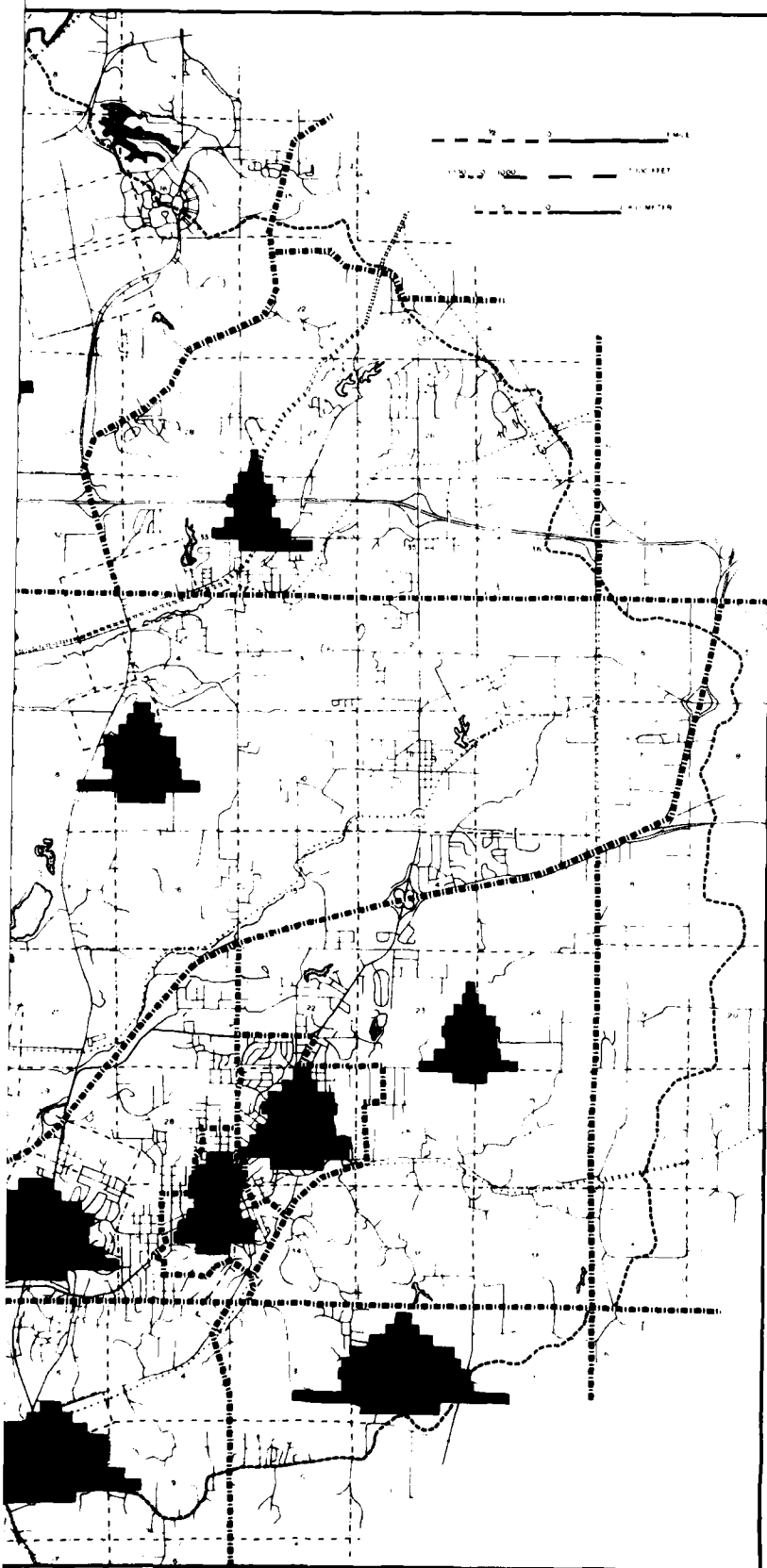


Source: U. S. Bureau of the Census
Census of Housing: 1970
Block Statistics
Final Report HC(3)-137 St. Louis,
Mo.-III. Urbanized Area
U. S. Government Printing Office
Washington D. C. 1971

Cartography by David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA TOTAL POPULATION BY CENSUS BLOCK 1970
Prepared under the direction of <i>Ed P. Coughlin</i>	Figure XVI-3 Plate number





SOURCE: U.S. Bureau of the Census

Census of Population and Housing: 1970

Census Tracts

Final Report PHC (1)-1B1

St. Louis Mo.-III, SMSA, Table P-1

Cartography by Beth Koopke and David Clelland

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert E. Koopke

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

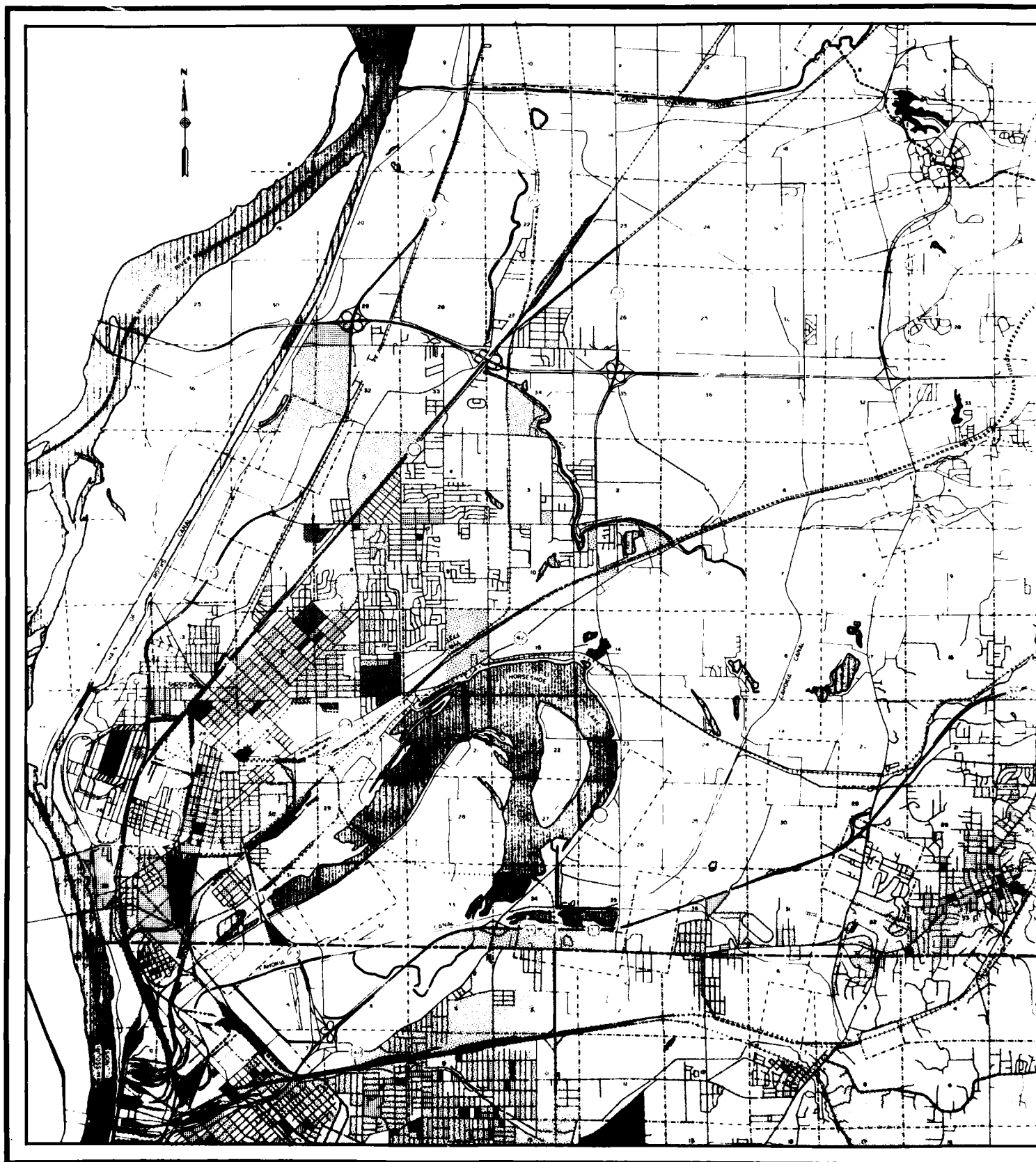
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

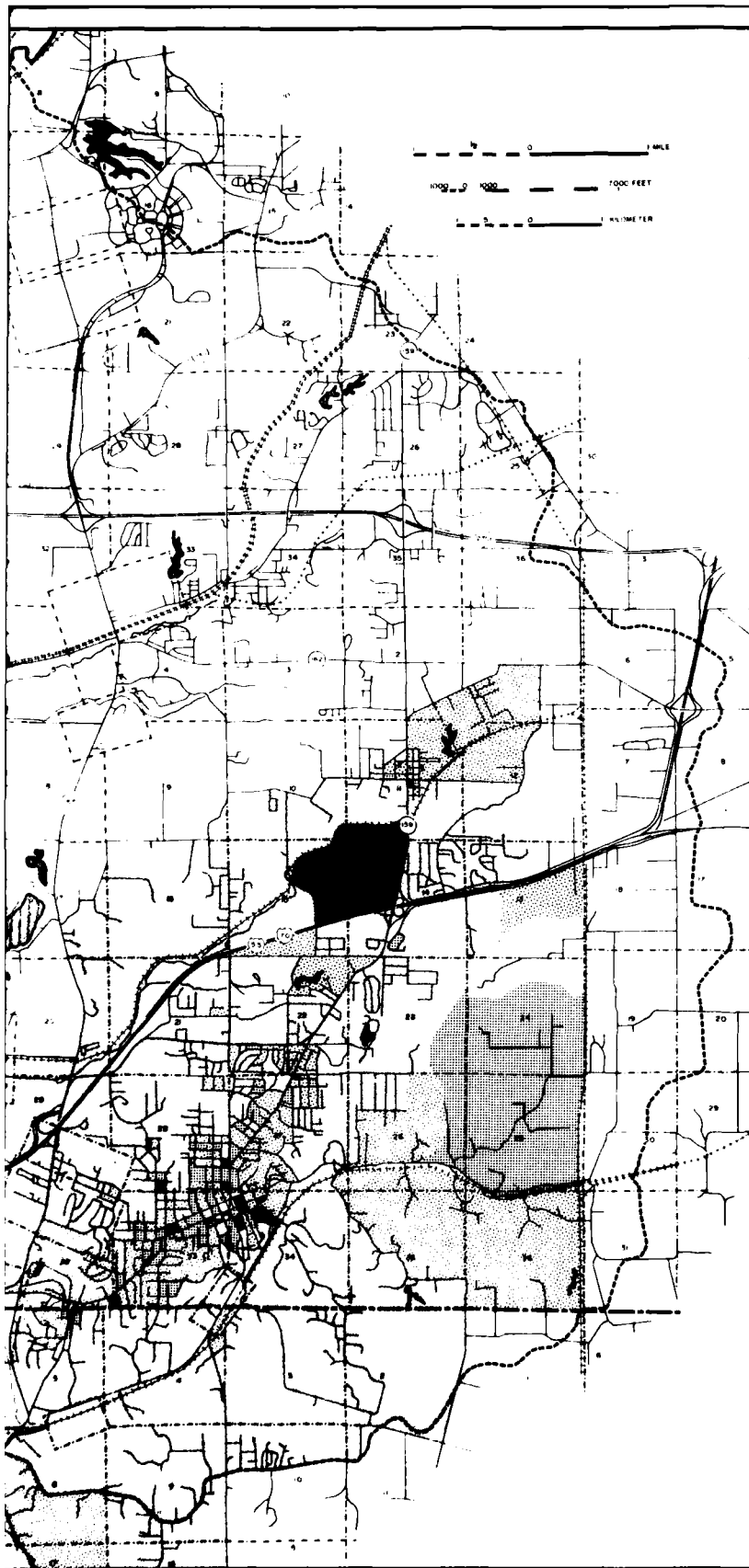
POPULATION PYRAMIDS

BY CENSUS TRACTS

1970

Figure XVI-4 Plate number





PERCENT

	0 - 10
	11 - 20
	21 - 30
	31 - 40
	41 - 50
	51 and over
	No data

Source: U.S. Bureau of the Census
Census of Housing: 1970
Block Statistics
Final Report HC(3)-137 St. Louis,
Mo.-III. Urbanized Area
U.S. Government Printing Office,
Washington D.C. 1970

Cartography by David Cloland

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert L. Kuyler

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

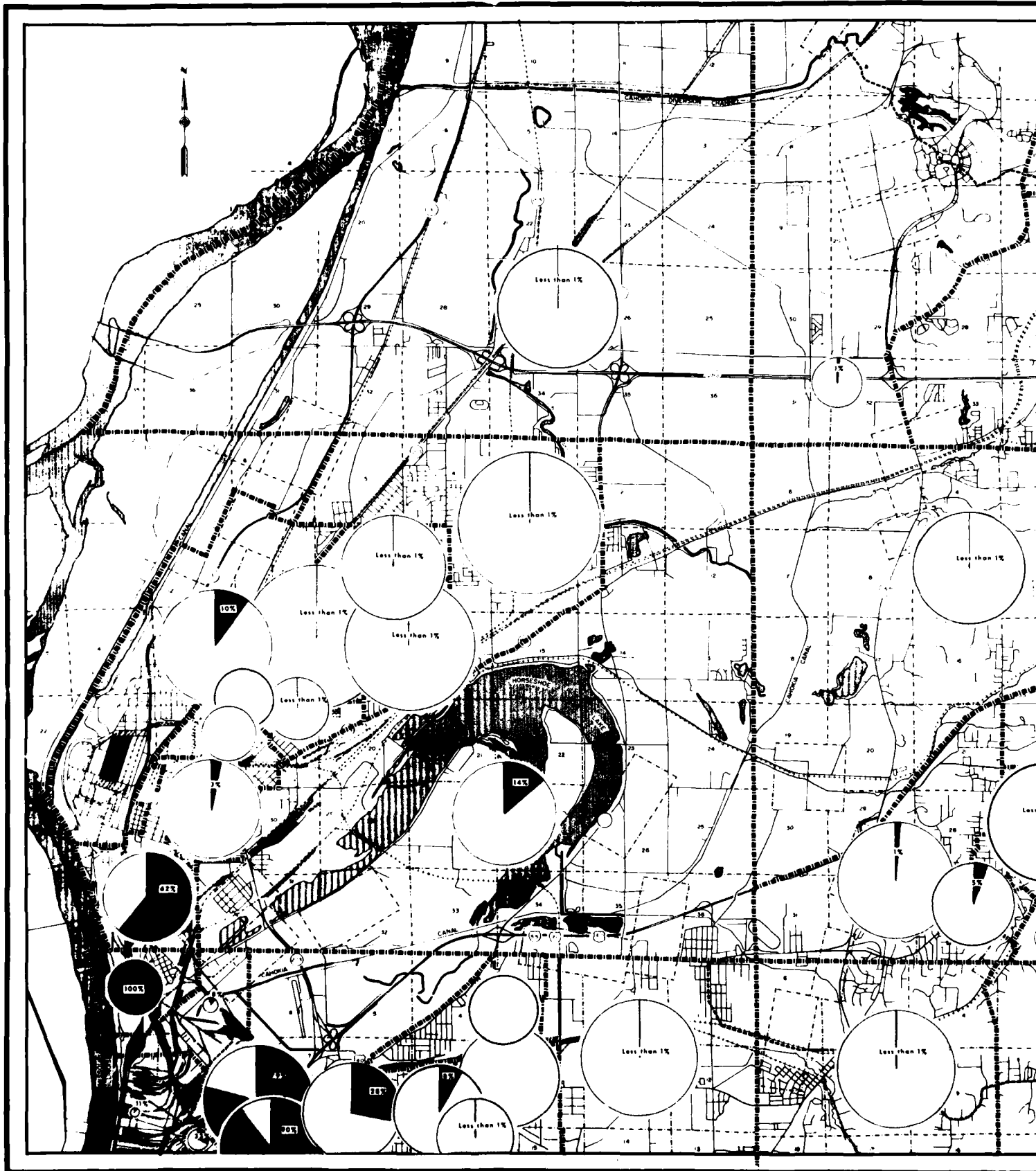
PERCENT OF THE POPULATION

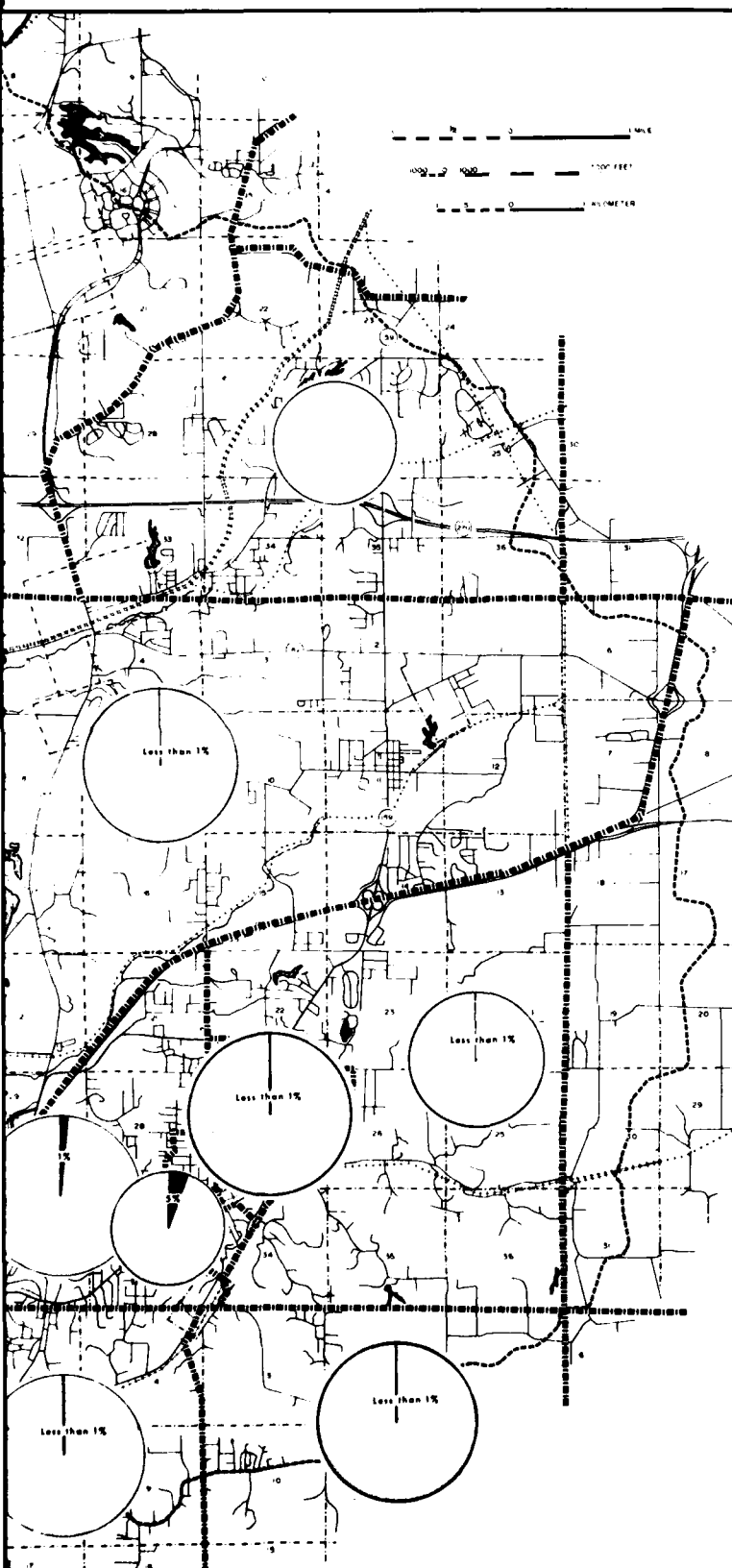
62 YEARS OLD AND OVER

BY CENSUS BLOCK

1970

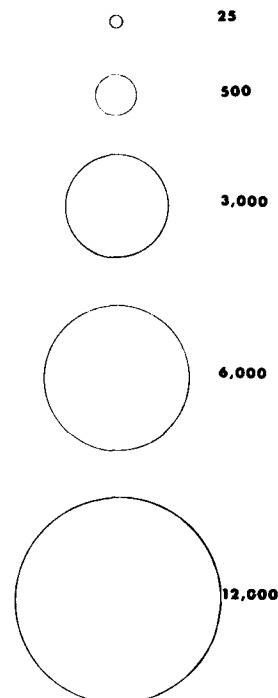
Figure XVI 5 Plate number





% NEGRO	NUMBER OF TRACTS
61.6- 99.7	4
32.5- 61.6	4
1.1- 32.5	5
0- 1.1	19
	34

NUMBER OF PERSONS



% OTHER

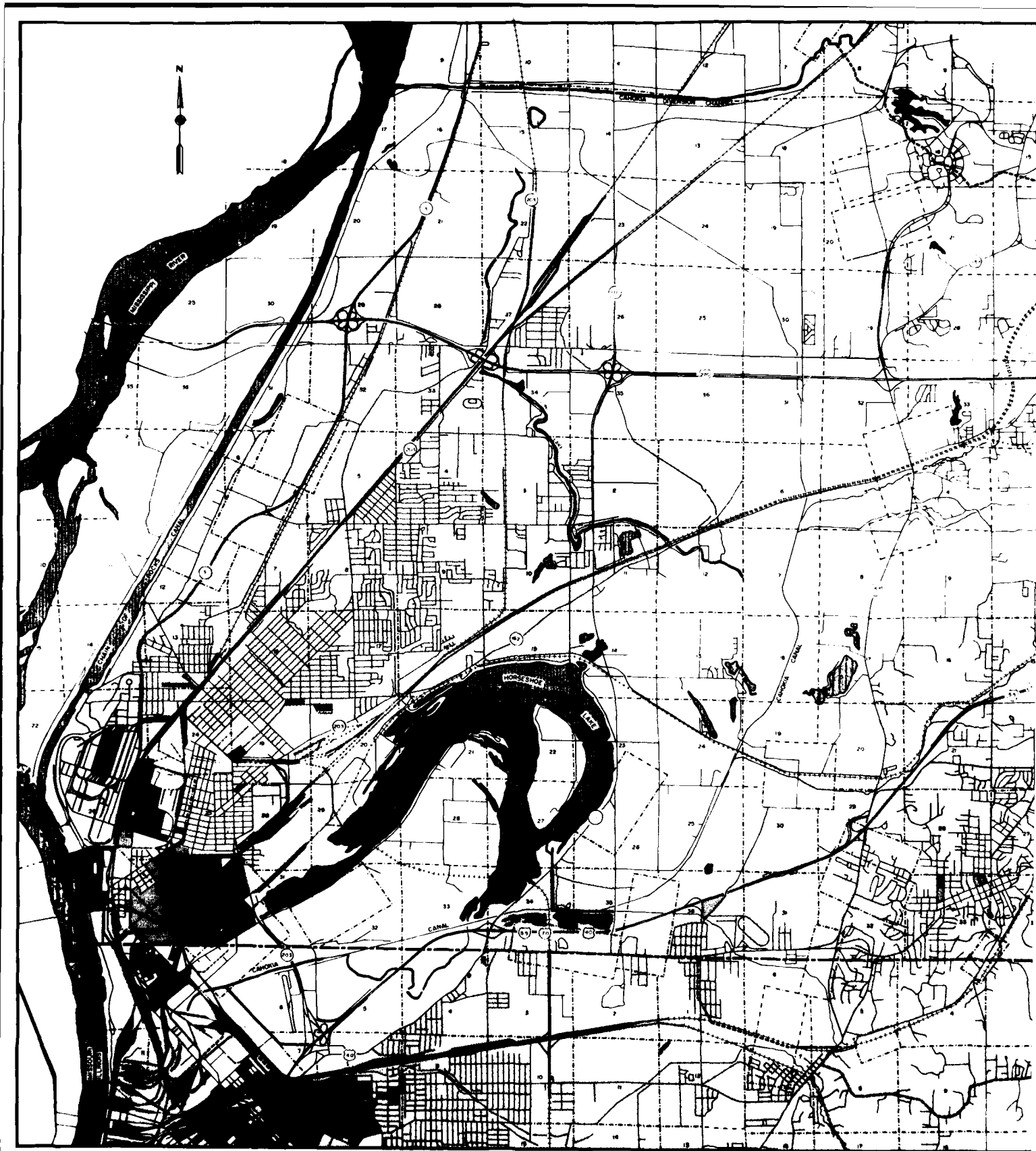


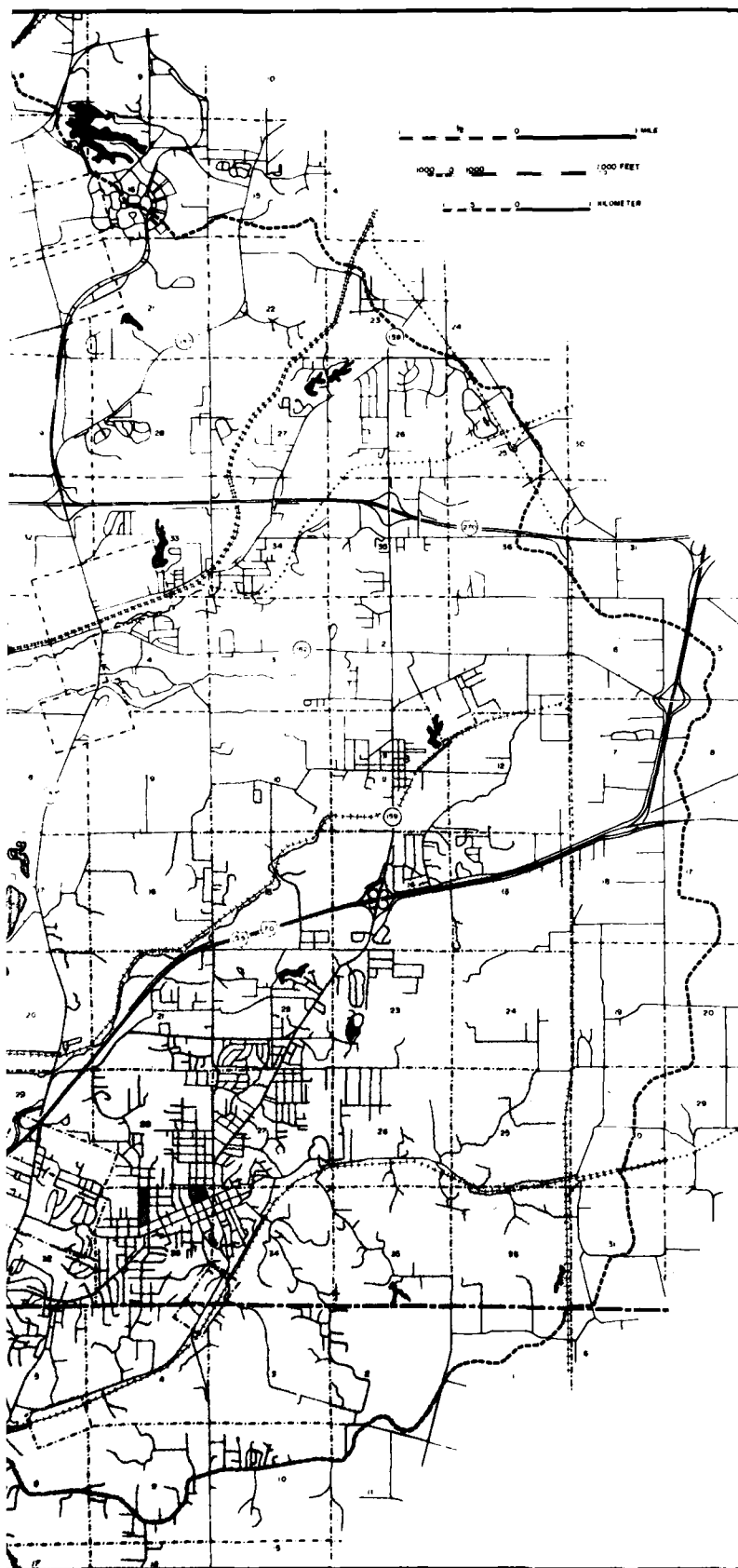
% NEGRO

SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-1B1
St. Louis Mo.-Ill. SMSA, Table P-1.

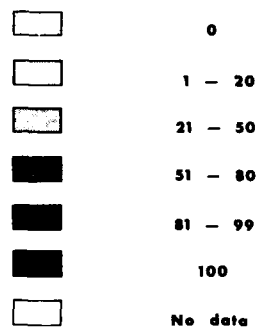
Cartography by Andrew Koepke and David Clalland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA PERCENT NEGRO OF TOTAL NUMBER ALL PERSONS BY CENSUS TRACTS 1970
Prepared under the direction of <i>Robert L. Koepke.</i>	Figure XVI-6 Plate number





PERCENT NEGRO



Source: U.S. Bureau of the Census
Census of Housing: 1970
Block Statistics
Final Report HC(3)-157 St. Louis,
Mo.-III Urbanized Area
U.S. Government Printing Office,
Washington D.C. 1971

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

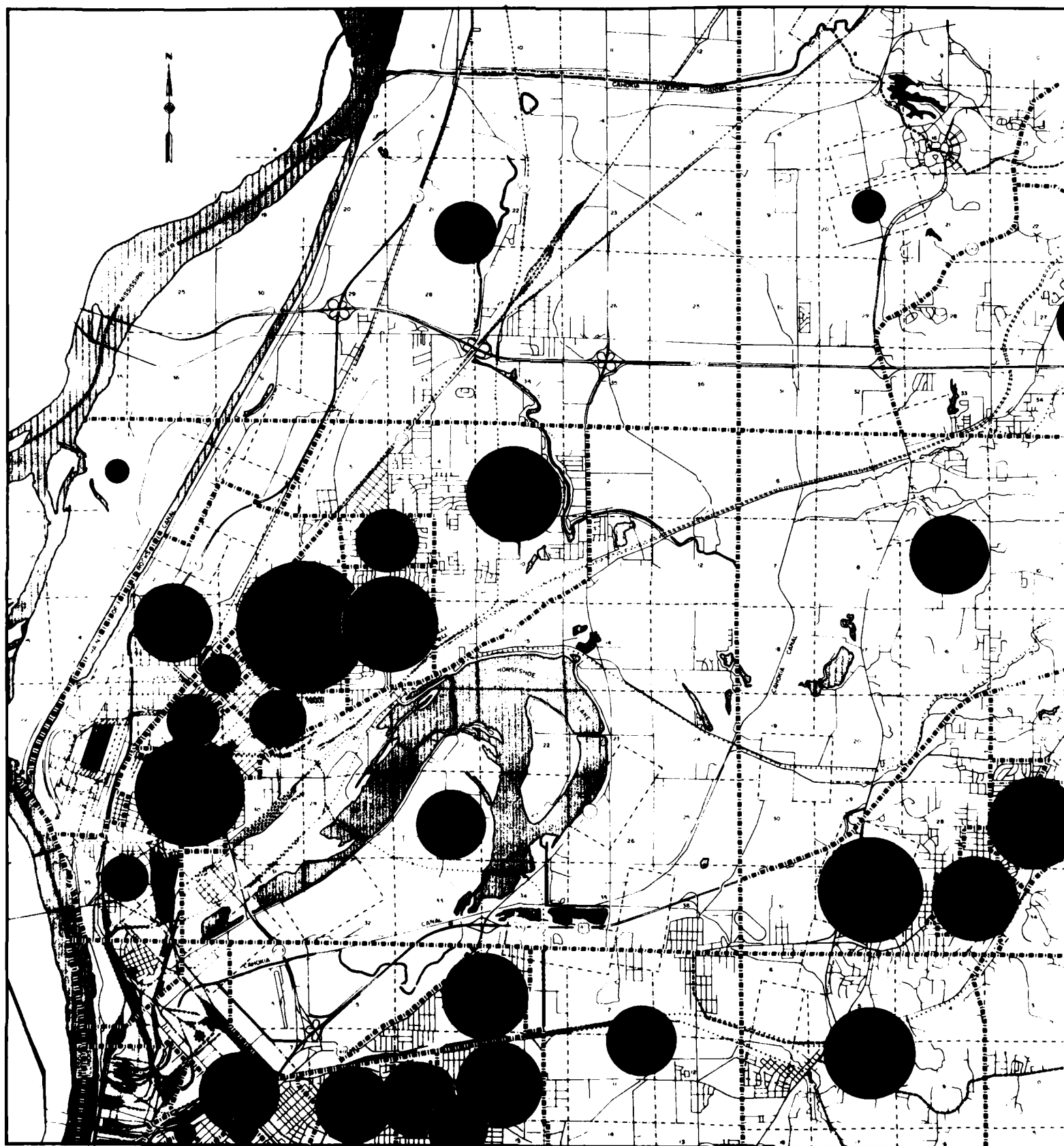
Donald S. Kuyke

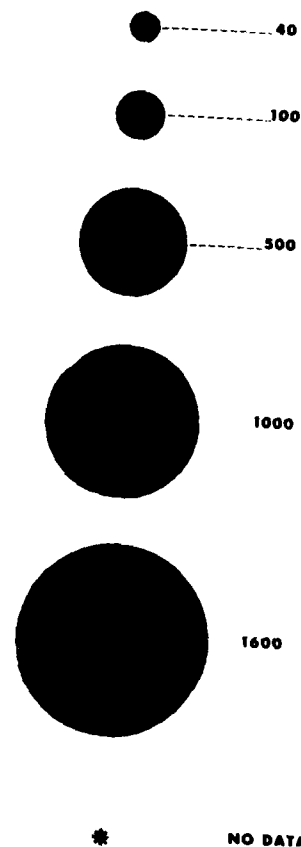
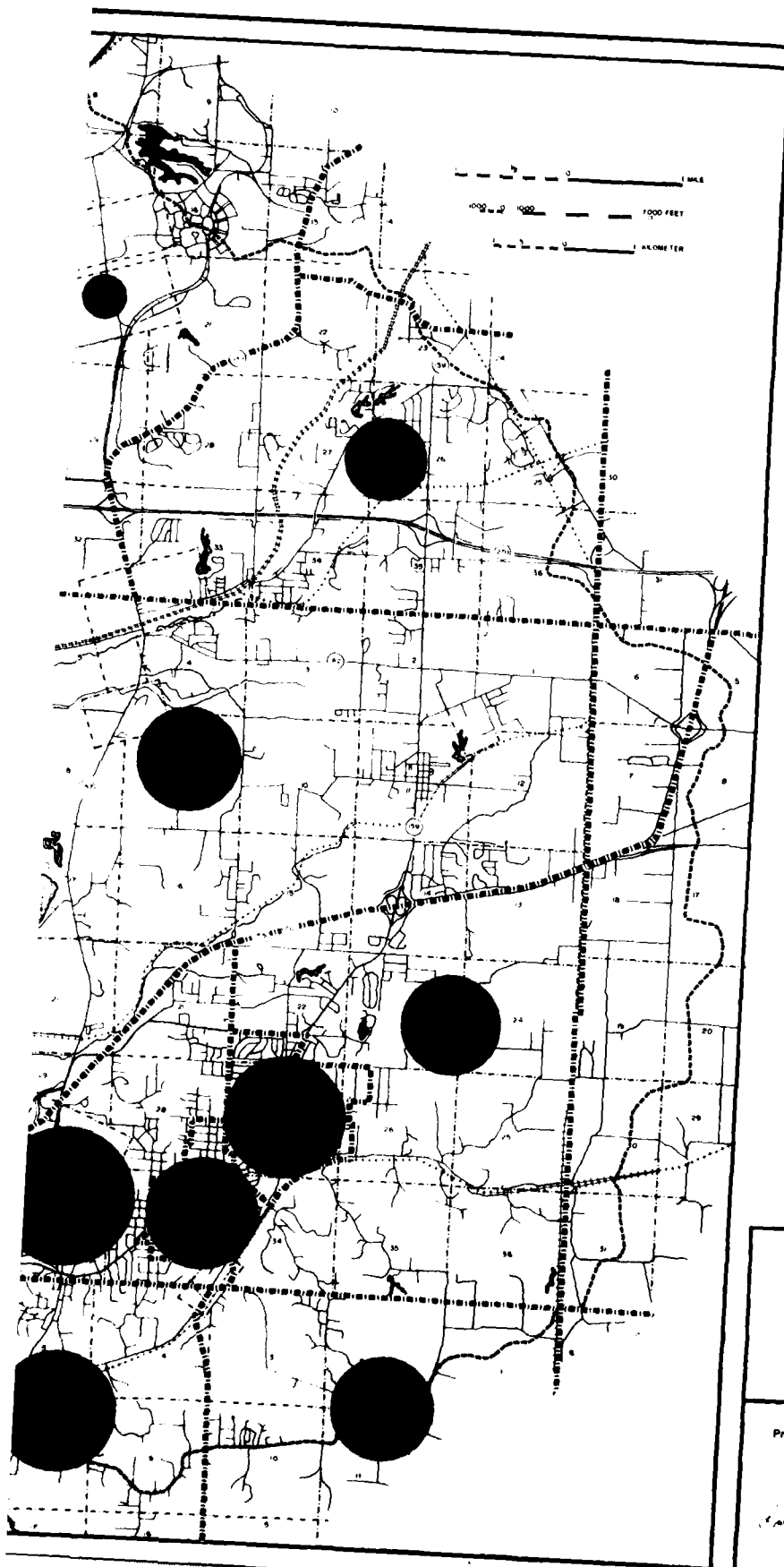
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

**PERCENT NEGRO
OF TOTAL POPULATION 1970**

Figure XVI-7 Plate number

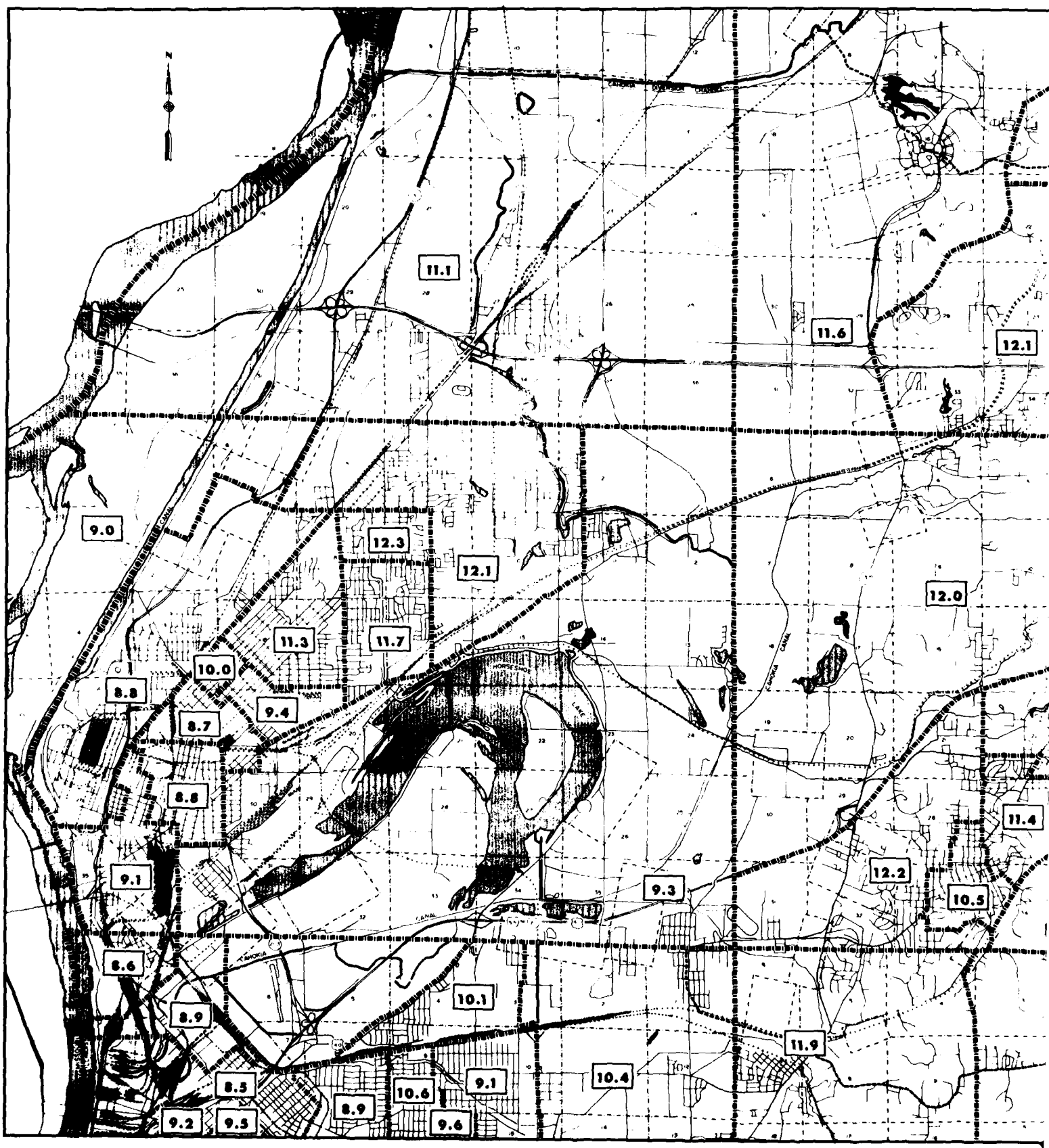


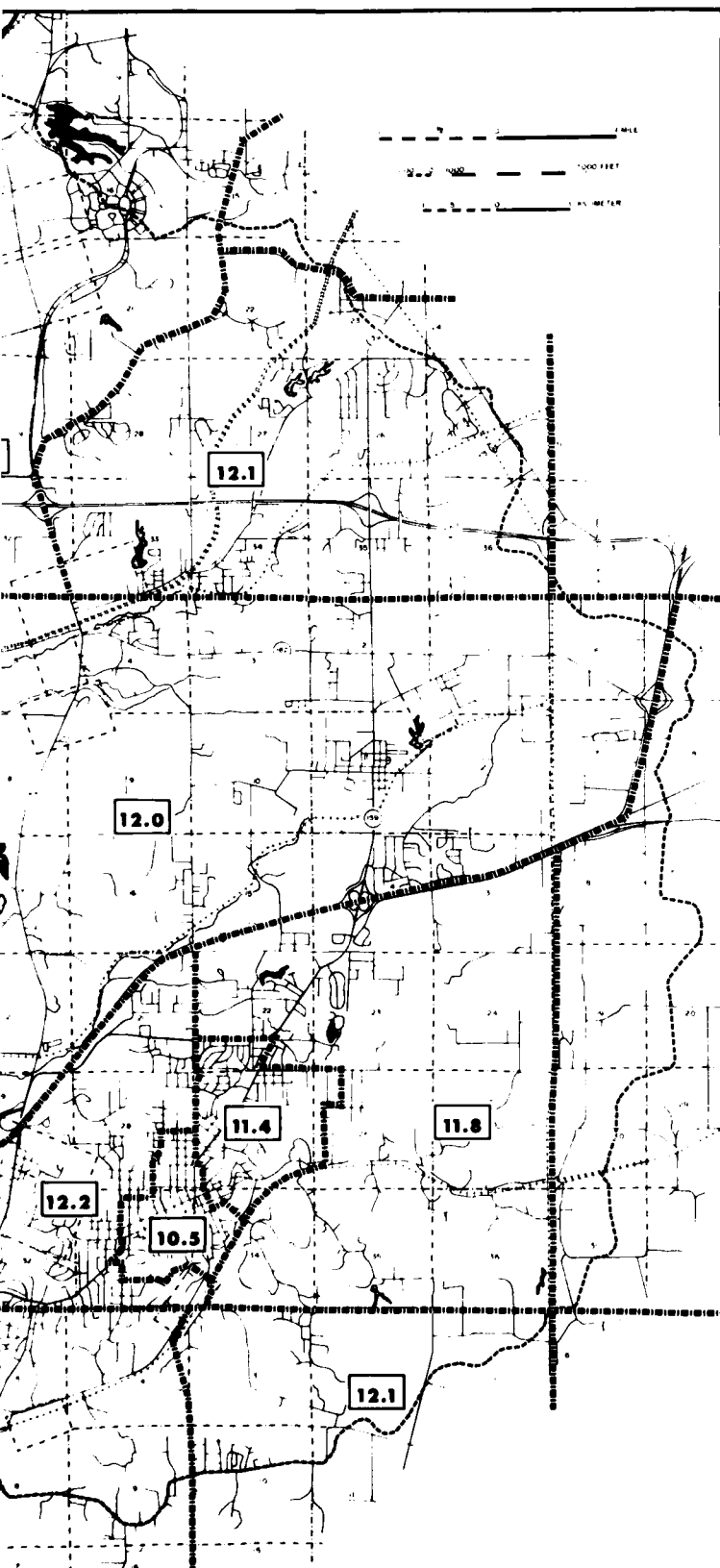


SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PNC (1)-181
St. Louis Mo.-III. SMSA, Table P-2

Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA TOTAL NUMBER
Prepared under the direction of <i>[Signature]</i>	NATIVE OF FOREIGN OR MIXED PARENTAGE OR FOREIGN BORN BY CENSUS TRACTS 1970
Figure XVI-8 Plate number	





Median School Years Completed	Number of Tracts
8.5 - 9.0	8
9.1 - 10.2	9
10.3 - 11.7	8
11.8 - 12.3	8
	33

Tract average = 10.3

* No Data

SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo.-Ill. SMSA, Table P-1.

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert H. Kuyper

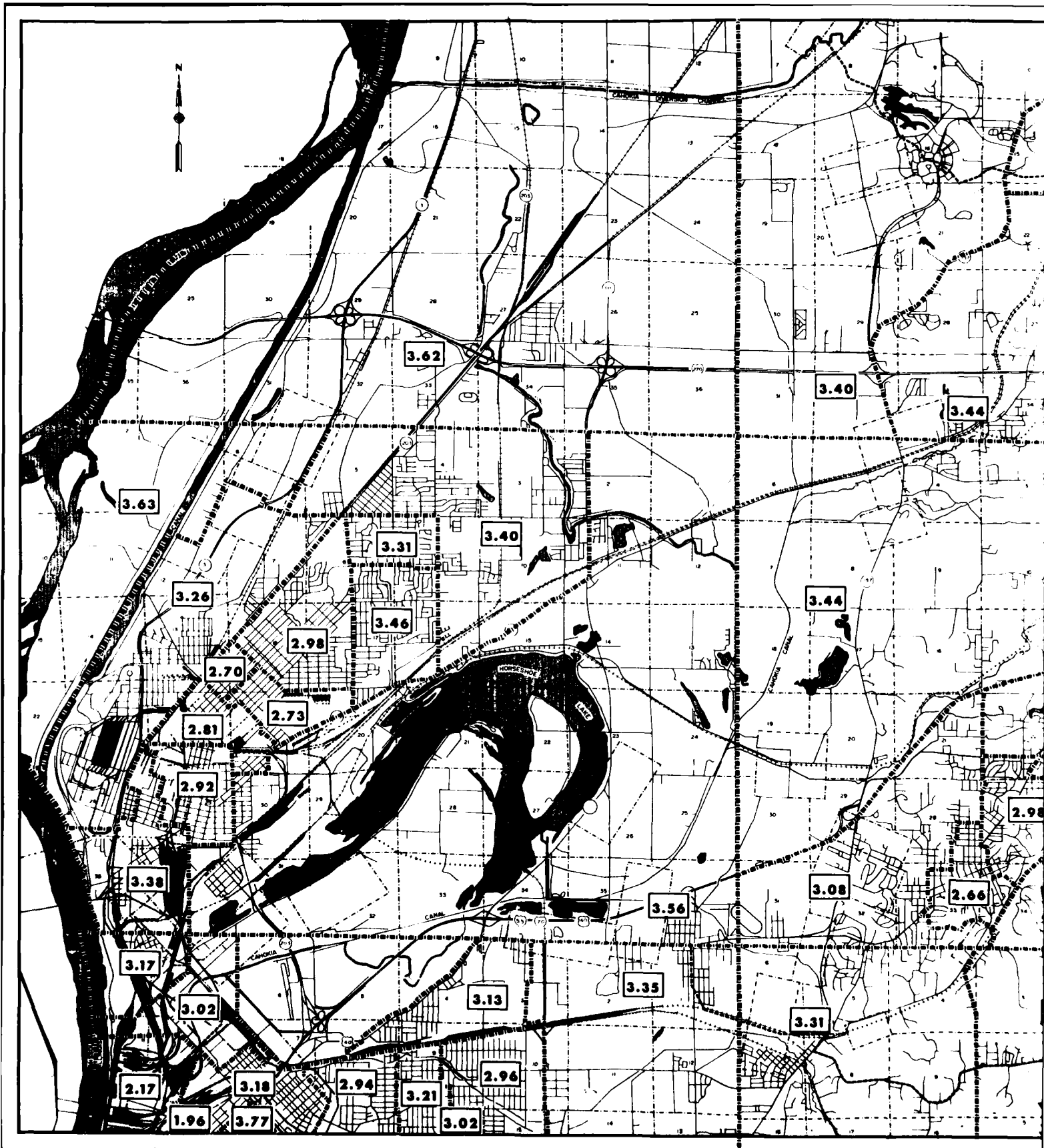
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

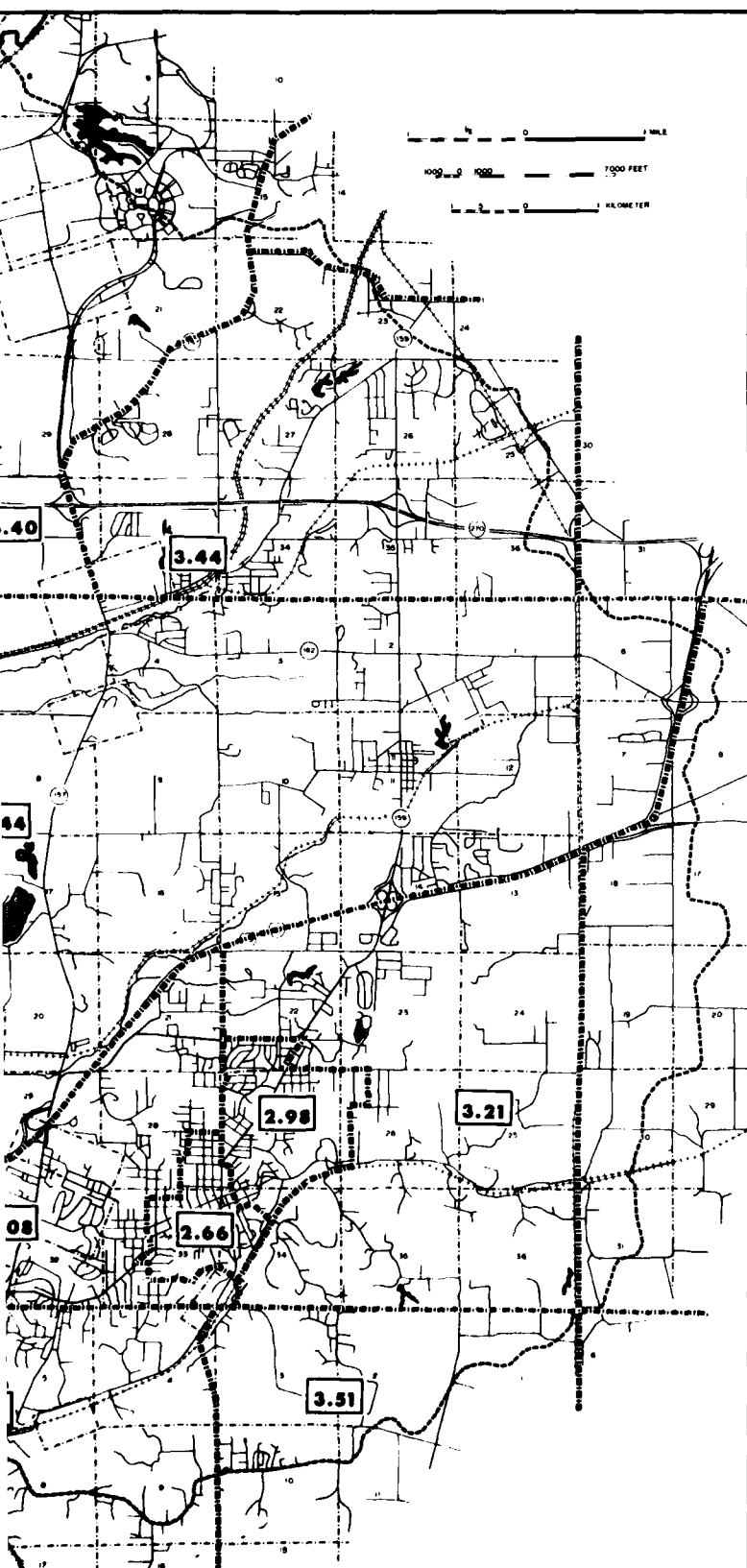
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA
MEDIAN SCHOOL YEARS

COMPLETED
BY CENSUS TRACTS

1970

Figure XVI-9 Plate number



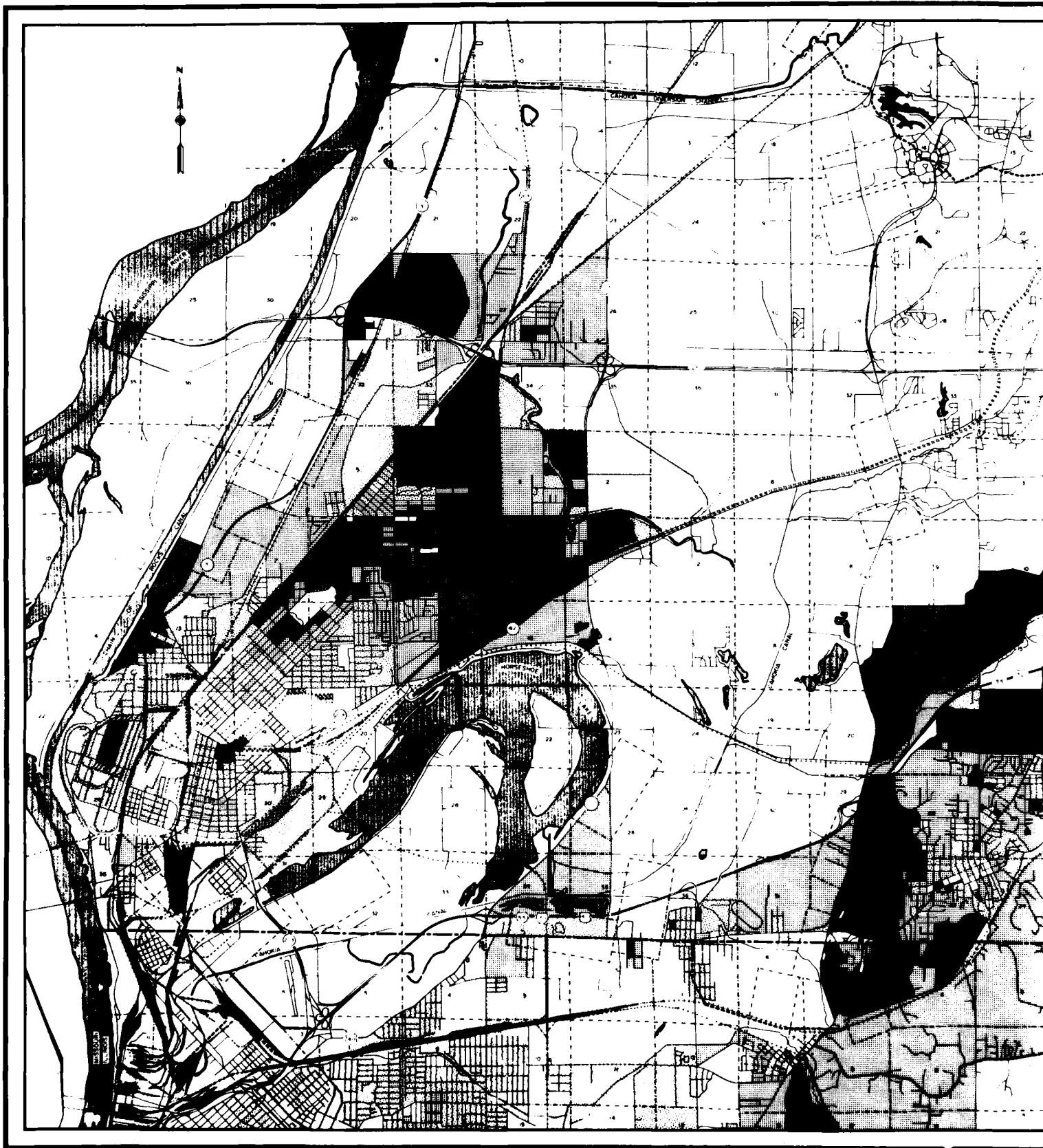


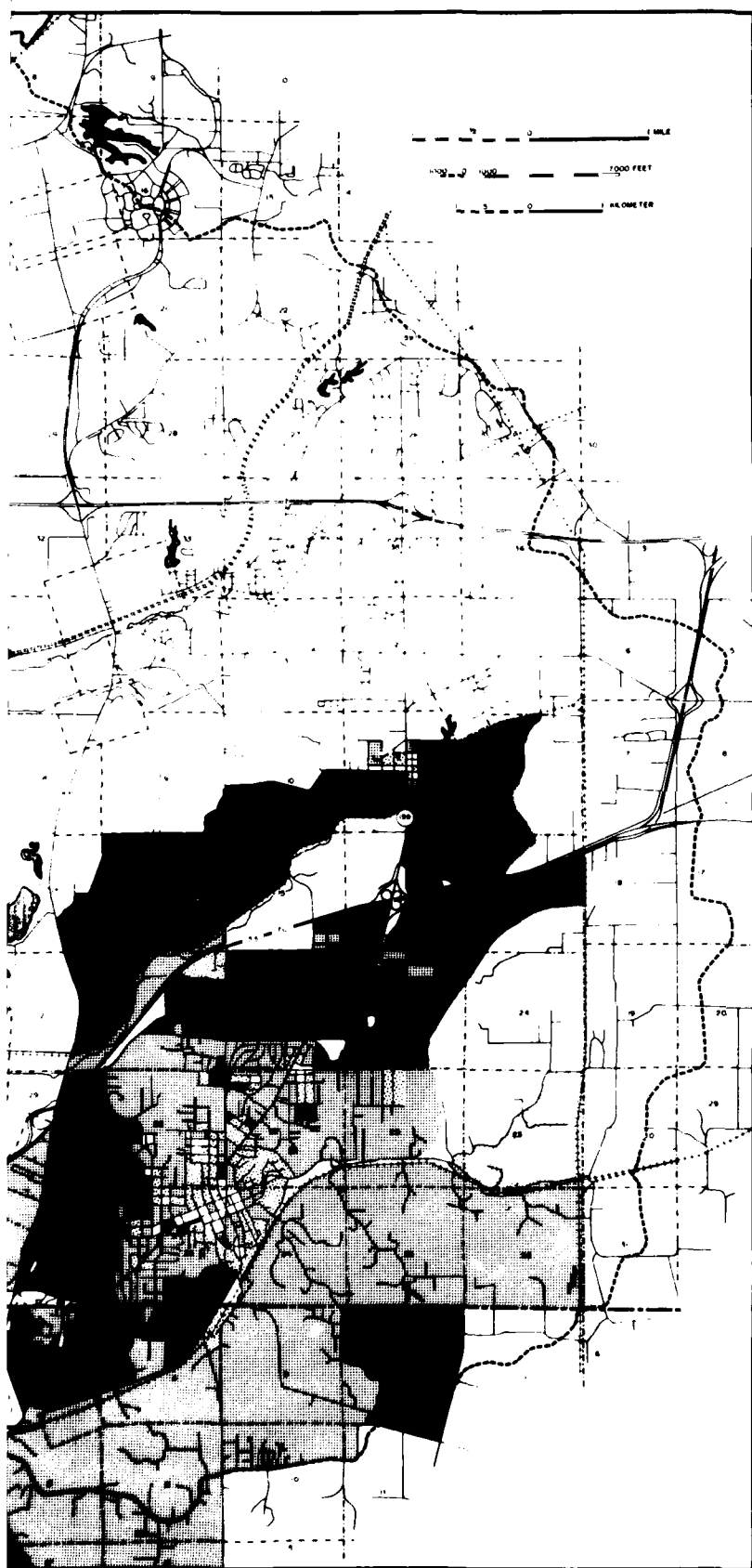
Number of Persons per Household	Number of Tracts
1.96 - 2.92	7
2.93 - 3.13	8
3.14 - 3.39	9
3.40 - 3.77	10
	<hr/> 34

Tract average = 3.14

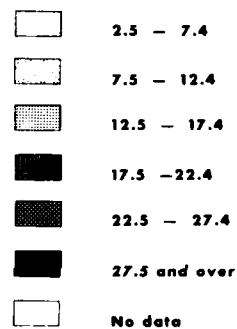
SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-1B1.
St. Louis Mo.-III. SMSA, Table P-1.

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA NUMBER OF PERSONS PER HOUSEHOLD BY CENSUS TRACTS 1970
Prepared under the direction of <i>Robert L. Kuylen</i>	Figure XVI-10 Plate number





Thousands of dollars



Source: U.S. Bureau of the Census

Census of Housing: 1970

Block Statistics

Final Report HC(3)-137 St. Louis

Mo.-Ill. Urbanized Area

U.S. Government Printing Office,

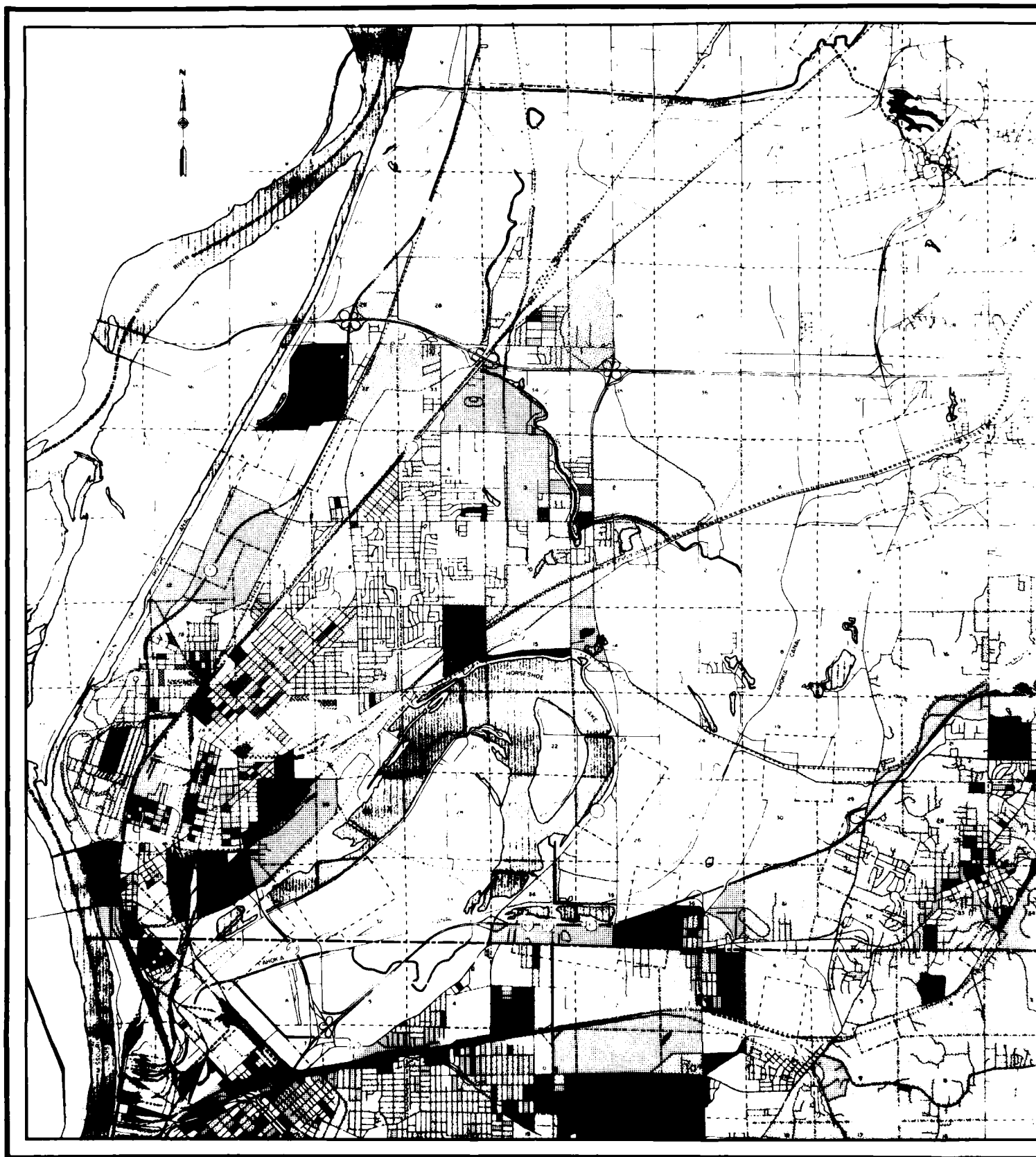
Washington D.C. 1971

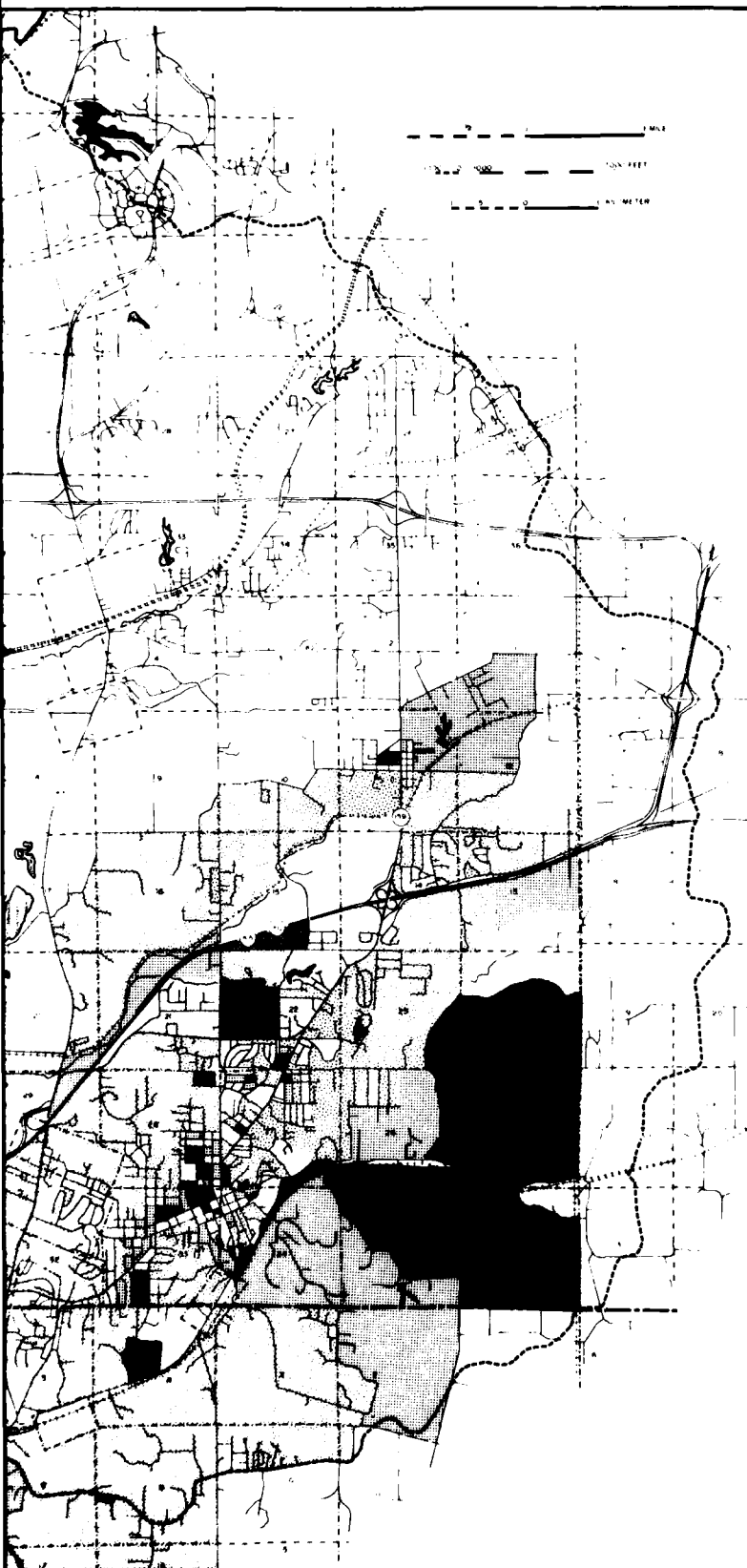
Cartography by David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA AVERAGE VALUE OF OWNER OCCUPIED UNITS BY CENSUS BLOCK 1970
	Figure XVI.11 Photo number

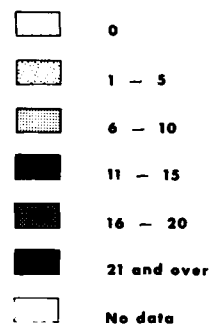
Prepared under the
direction of

Robert L. Knight





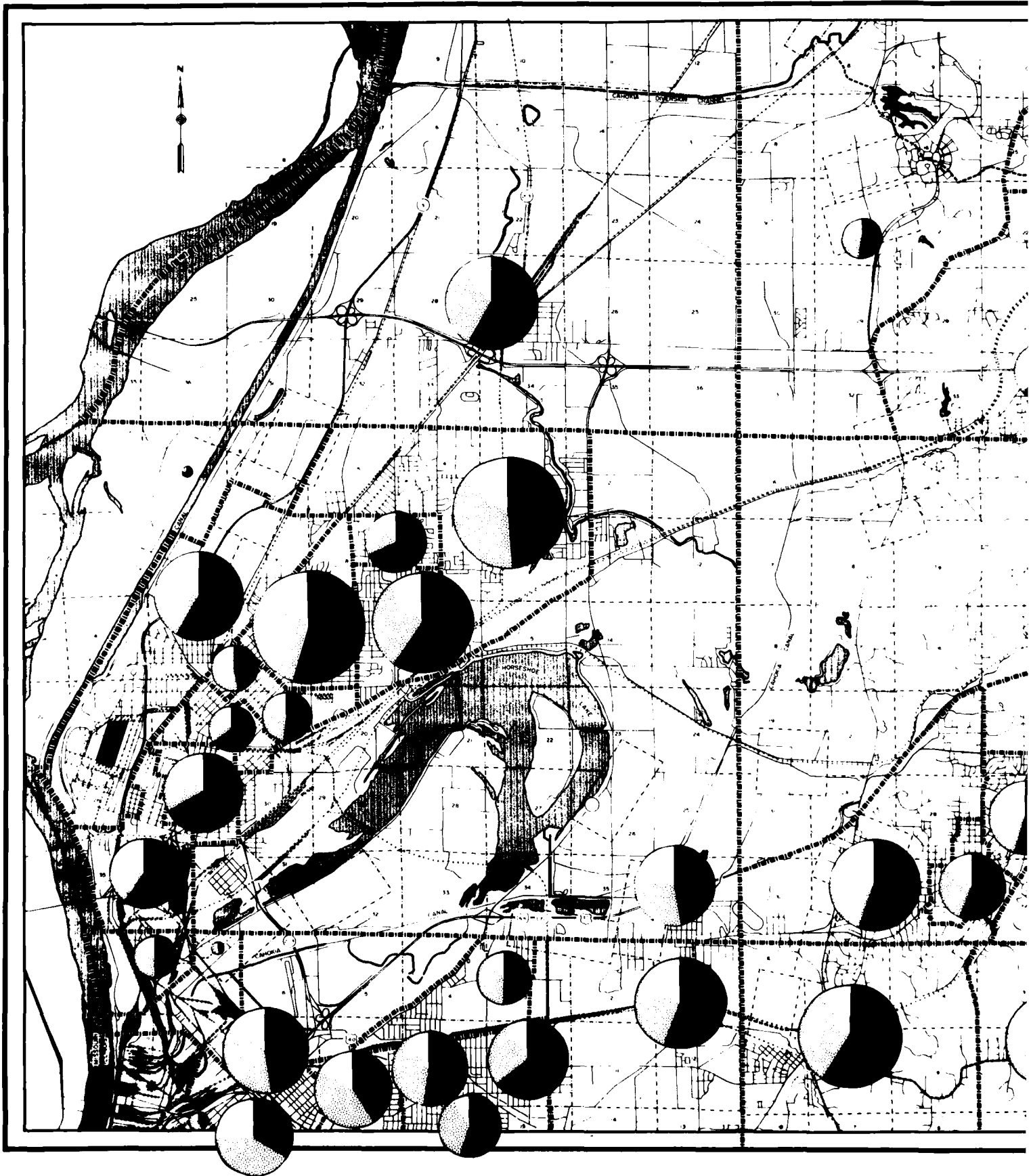
PERCENT

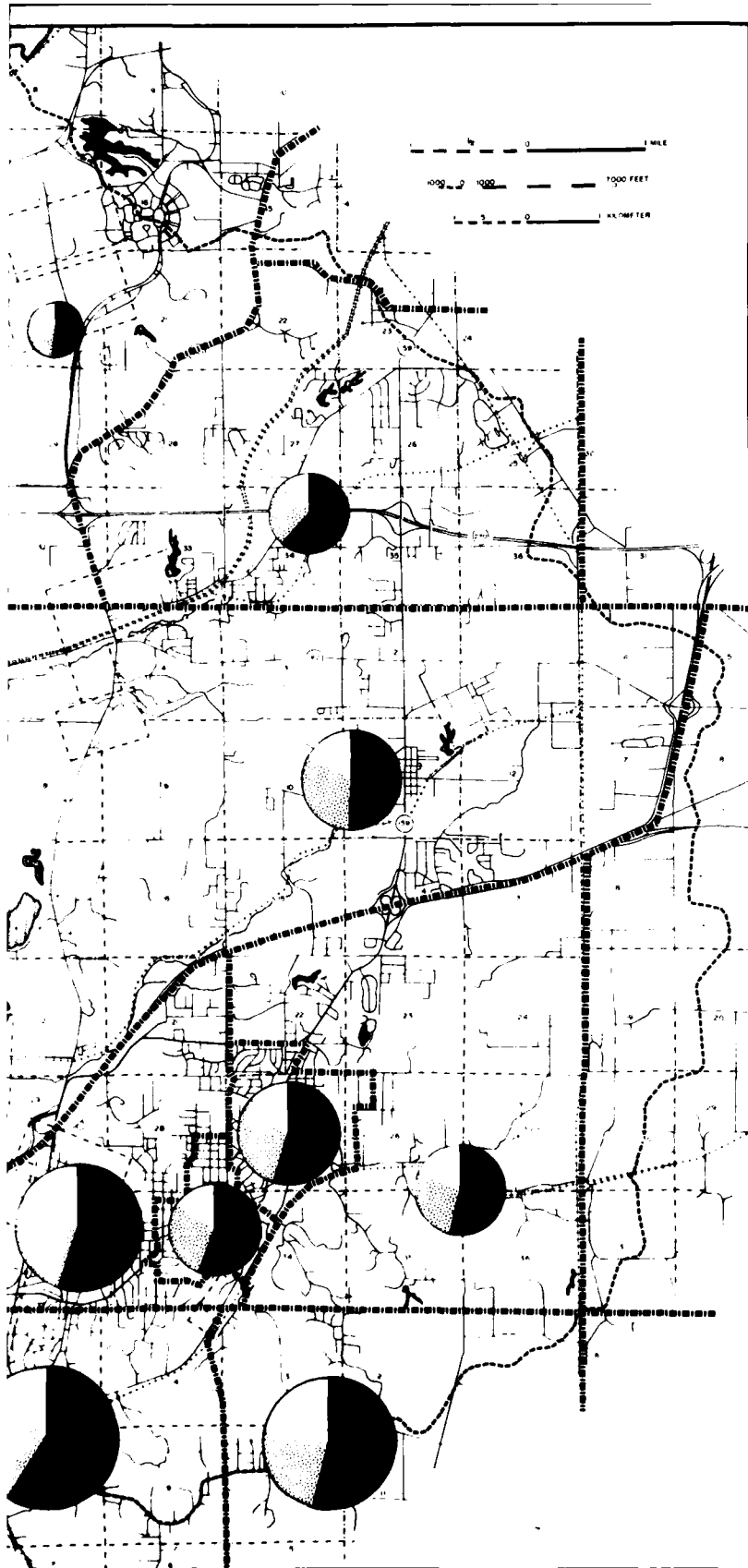


Source: U. S. Bureau of the Census
Census of Housing: 1970
Block Statistics
Final Report HC(3)-137 St. Louis.
Mo.-III. Urbanized Area
U. S. Government Printing Office,
Washington D.C. 1971

Cartography by David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA PERCENT YEAR - AROUND HOUSING UNITS LACKING SOME OR ALL PLUMBING FACILITIES BY CENSUS BLOCK 1970
Prepared under the direction of <i>David A. Clelland</i>	Figure XVI-12 Plate number





Number of Persons 5 Years Old and Over

100

2,000

5,000

7,500

11,000



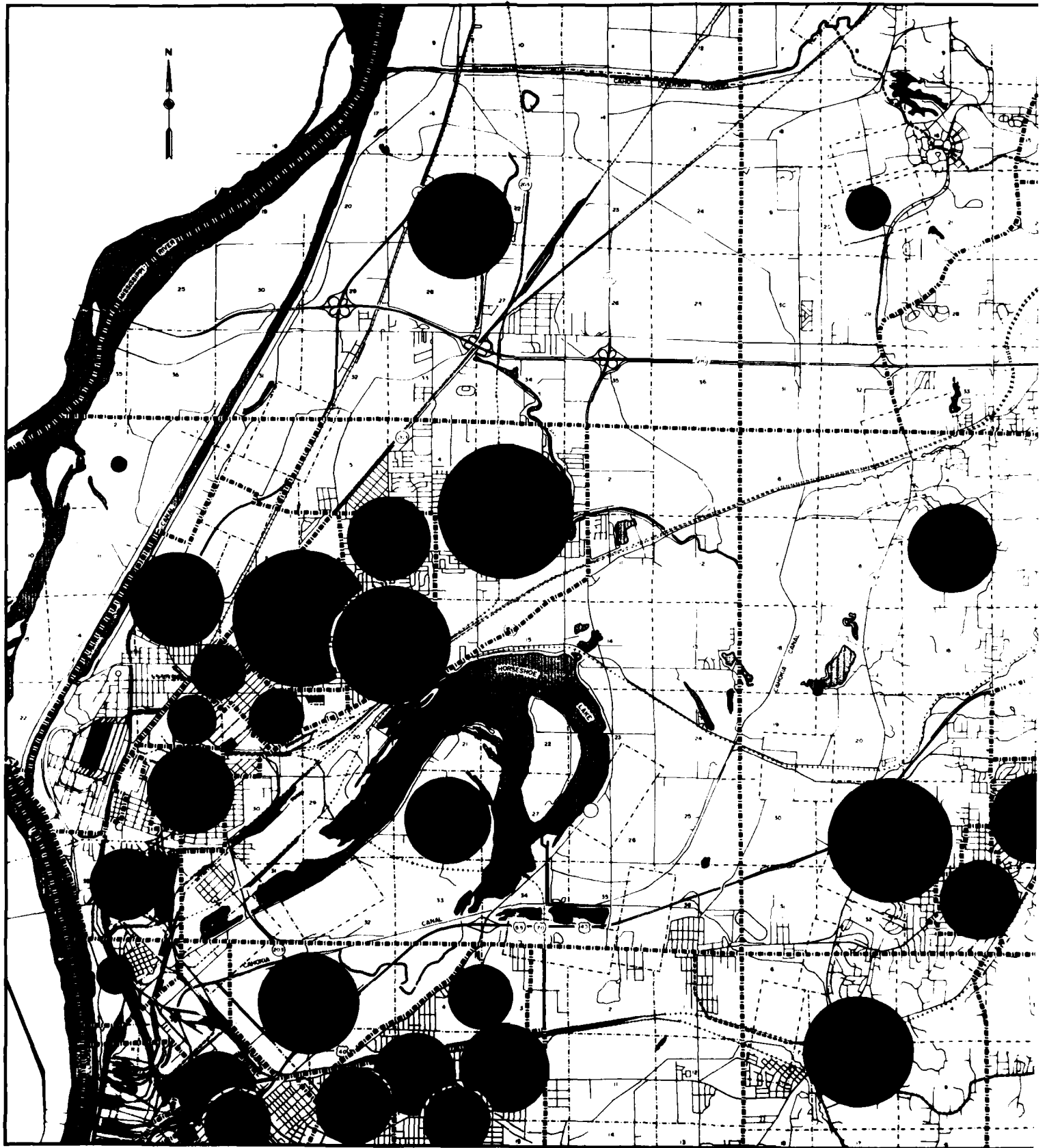
NO DATA

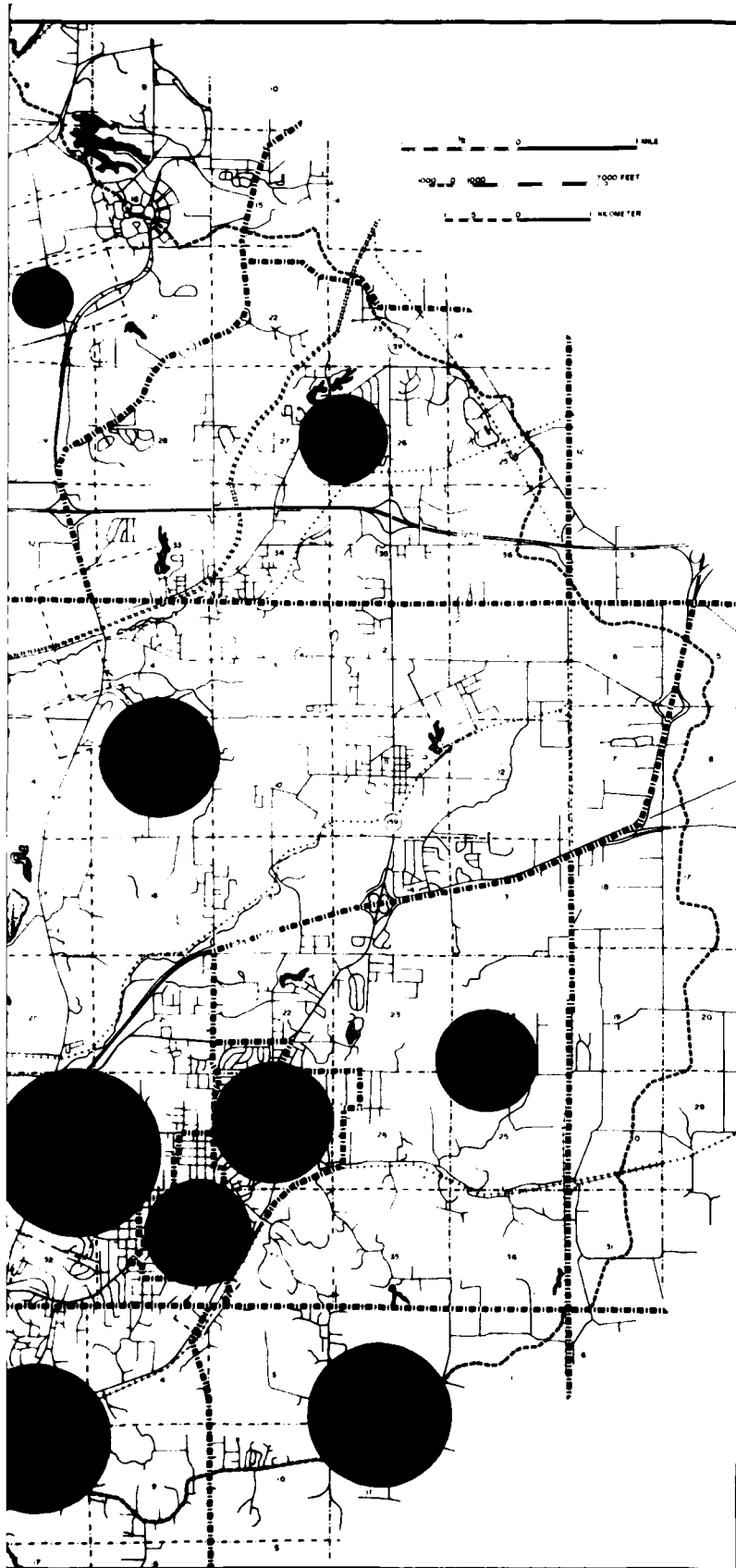
% moved into SMSA
% moved within SMSA
% in same house

SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo., III. SMSA, Table P-2.

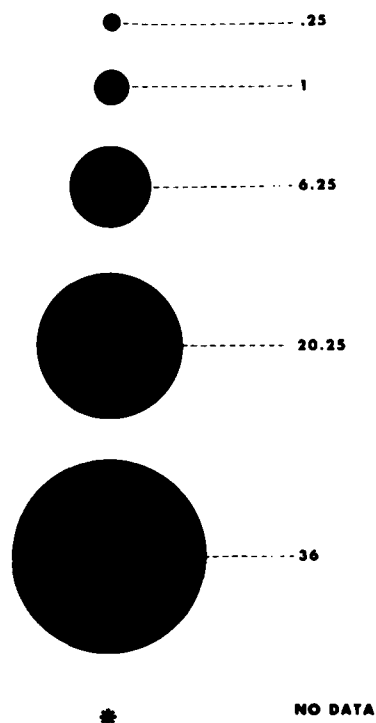
Cartography by David Cloland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Robert L. Kugler</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA RESIDENTIAL MOBILITY OF PERSONS FIVE YEARS OLD AND OVER BY CENSUS TRACTS 1965 - 1970
Figure XVI-13 Plate number	



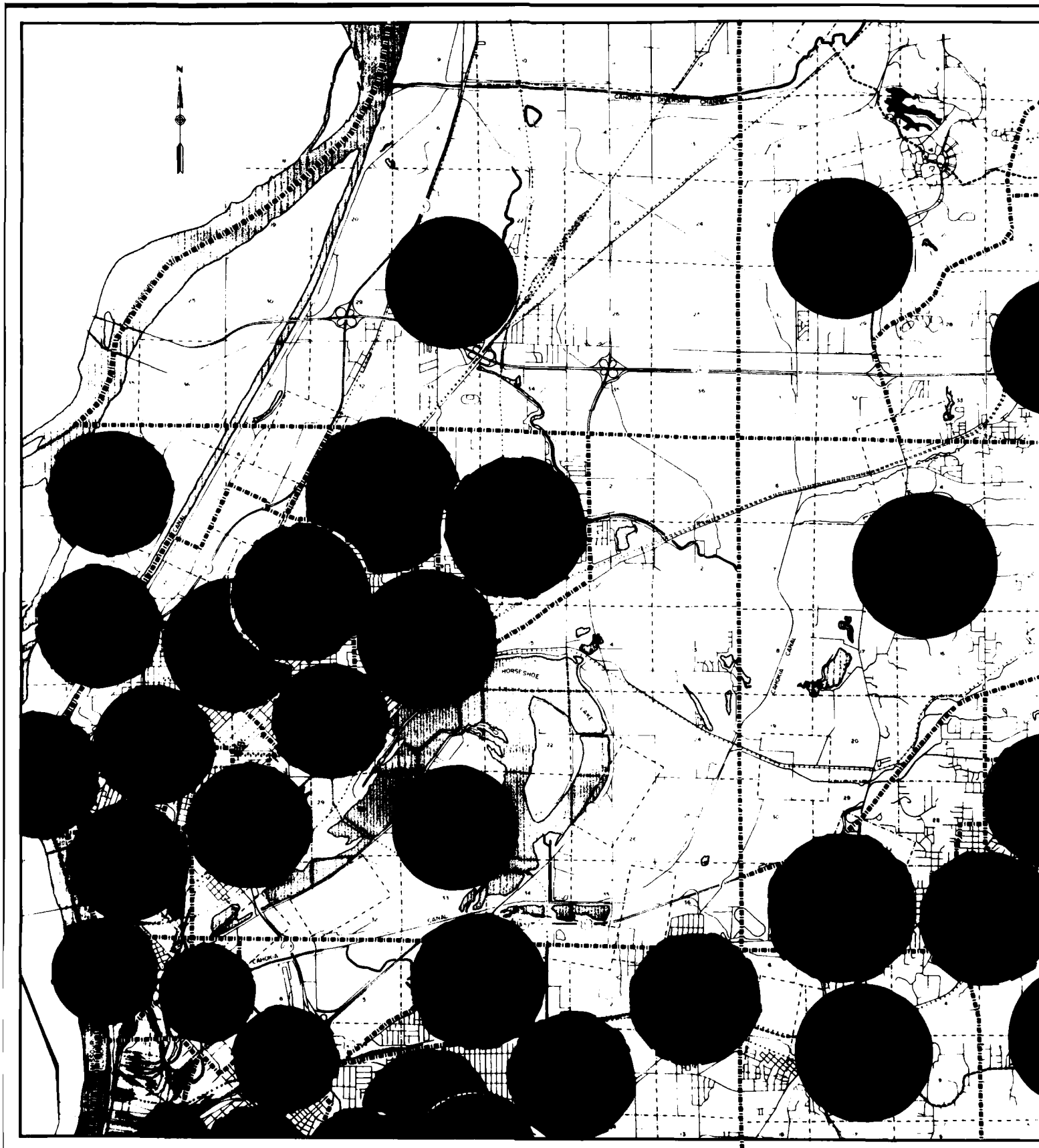


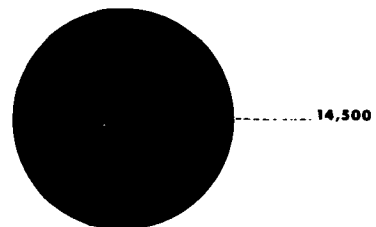
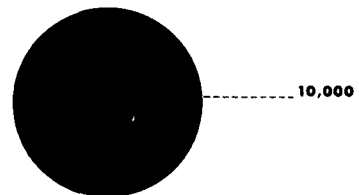
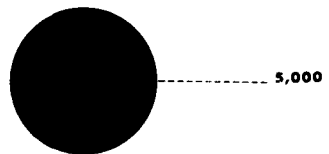
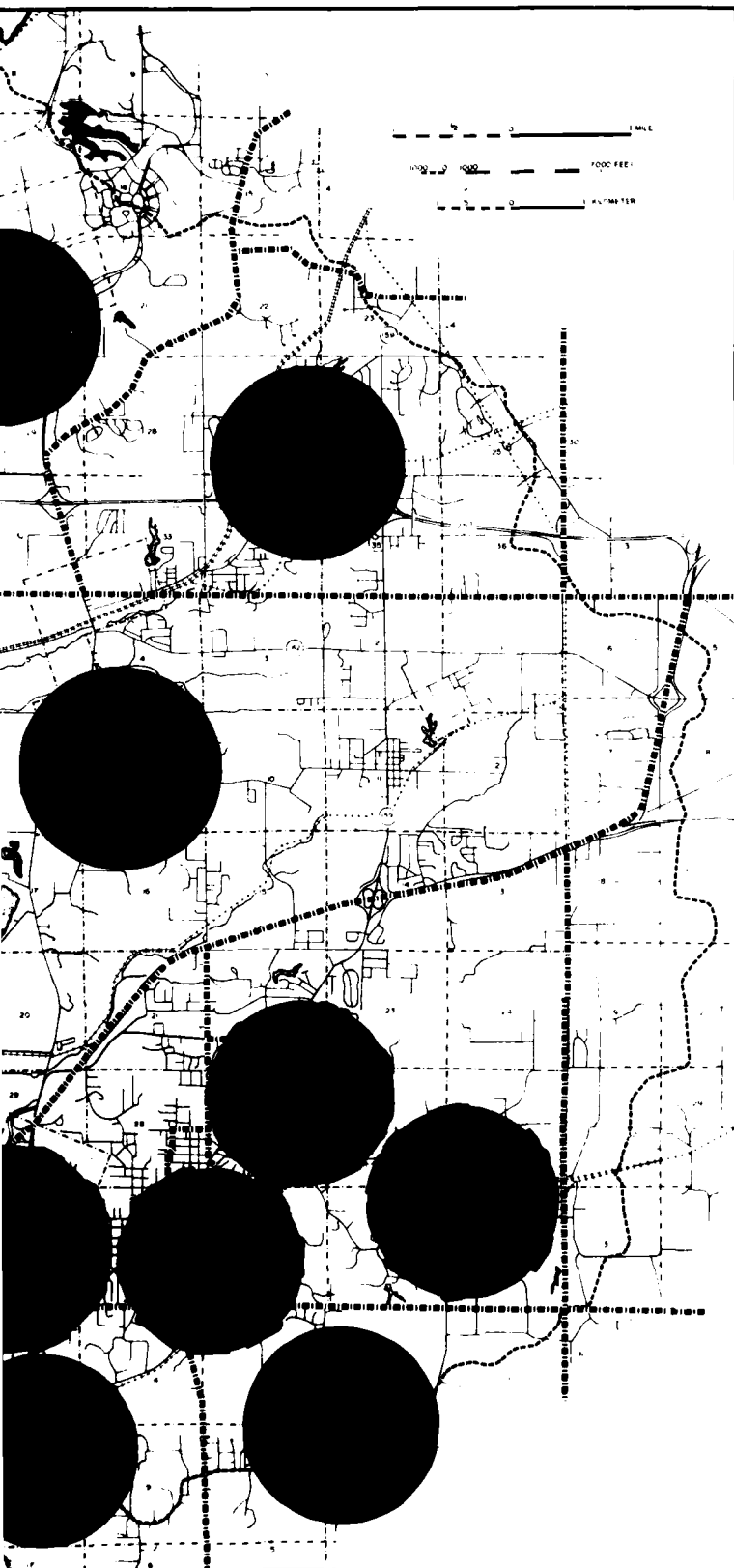
INCOME
(in millions of dollars)



SOURCE: U.S. Bureau of the Census
Census of Population and Housing, 1970
Census Tracts
Final Report PHC (3)-1
St. Louis Mo.-Ill. SMSA, Table P-4
Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CANOKIA CANAL AREA TOTAL INCOME OF FAMILIES AND UNRELATED INDIVIDUALS BY CENSUS TRACTS 1969
Prepared under the direction of <i>Robert L. Kuyke</i>	Figure XVI 14 Plate number



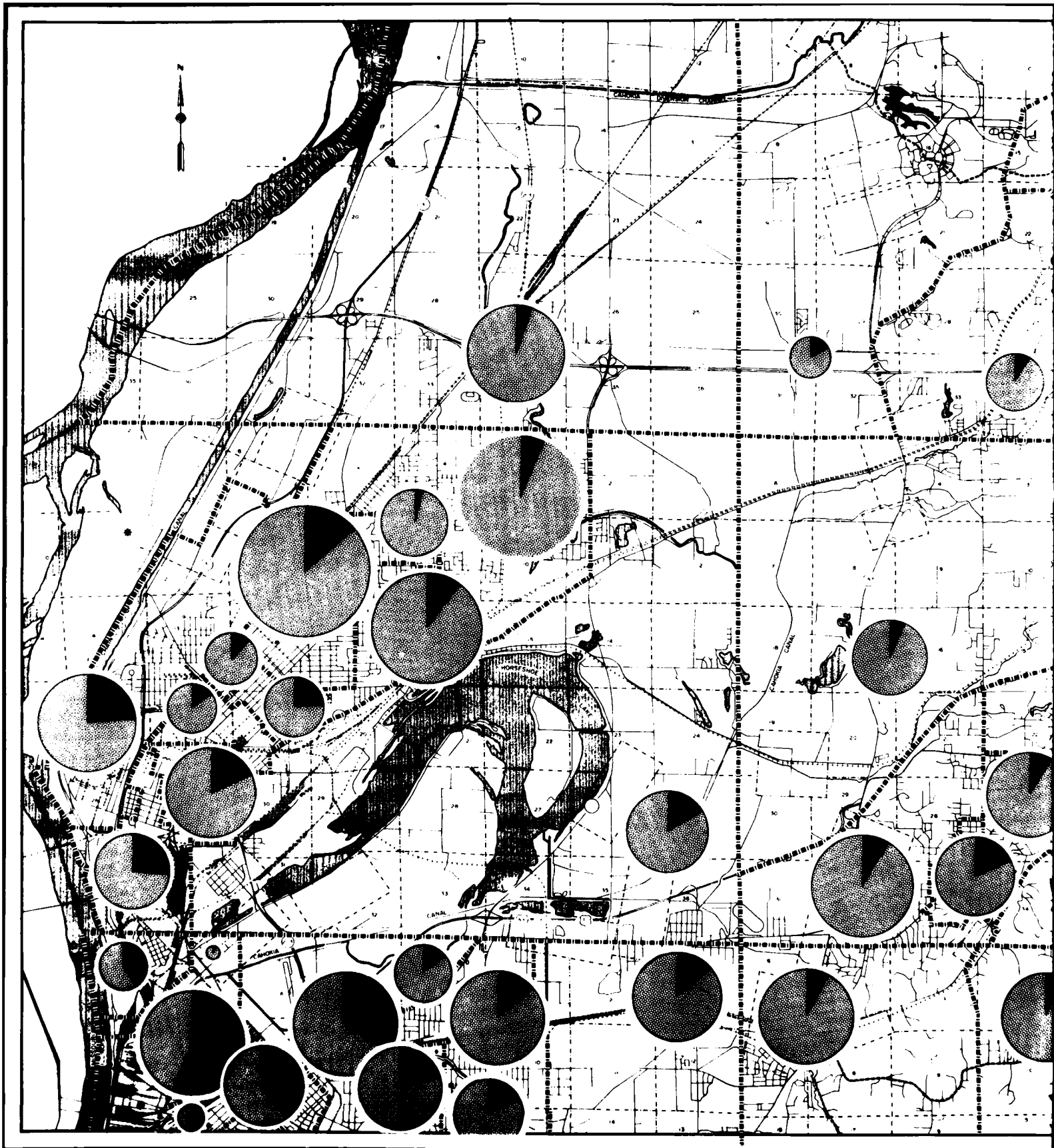


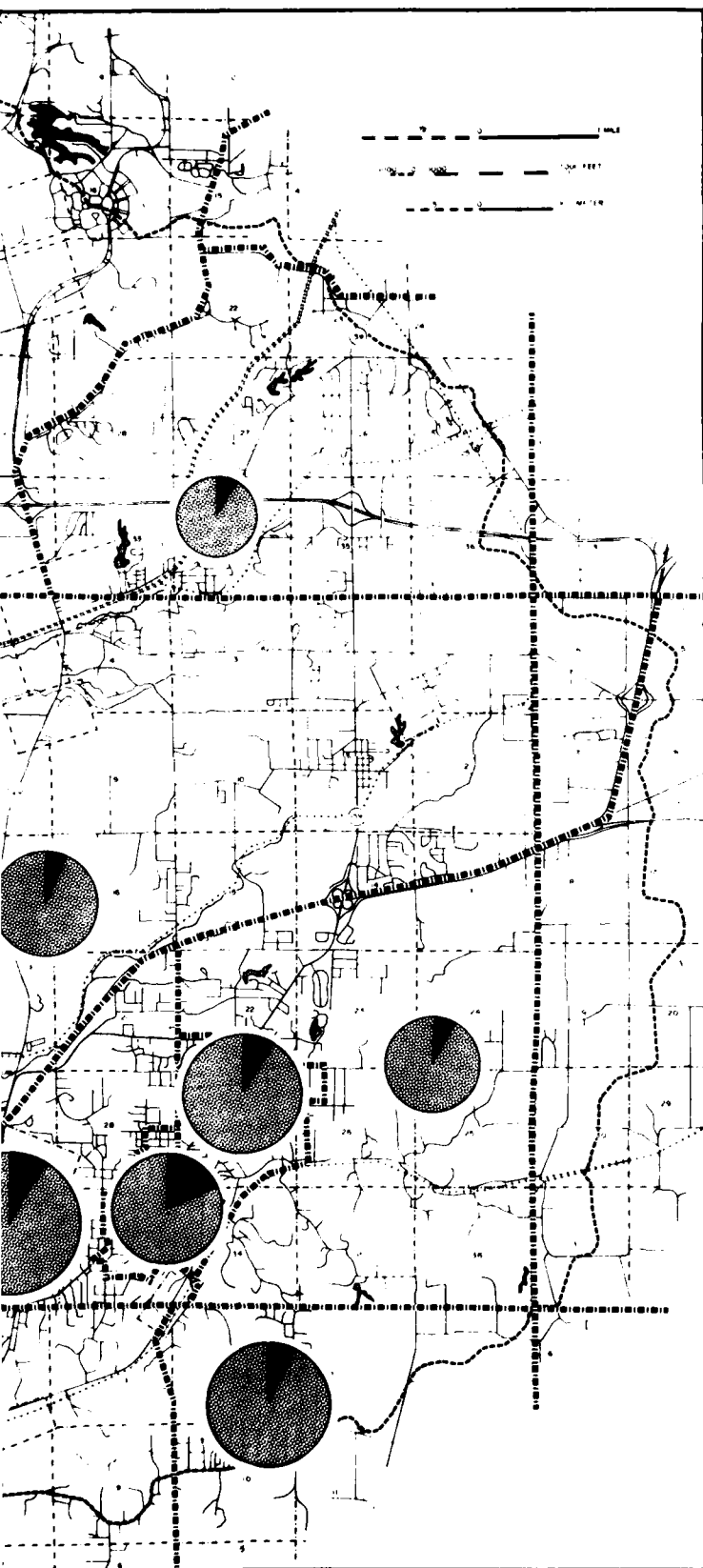
* No data

SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo.-III. SMSA, Table P-4

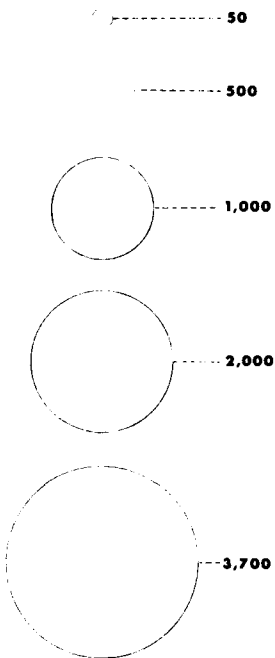
Cartography by Tom Aiken and BETH KOEPEL

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Robert R. Kuyler</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA MEAN INCOME FAMILIES AND UNRELATED INDIVIDUALS BY CENSUS TRACT 1970
	Figure XVI-15 Plate number





NUMBER OF HOUSEHOLDS



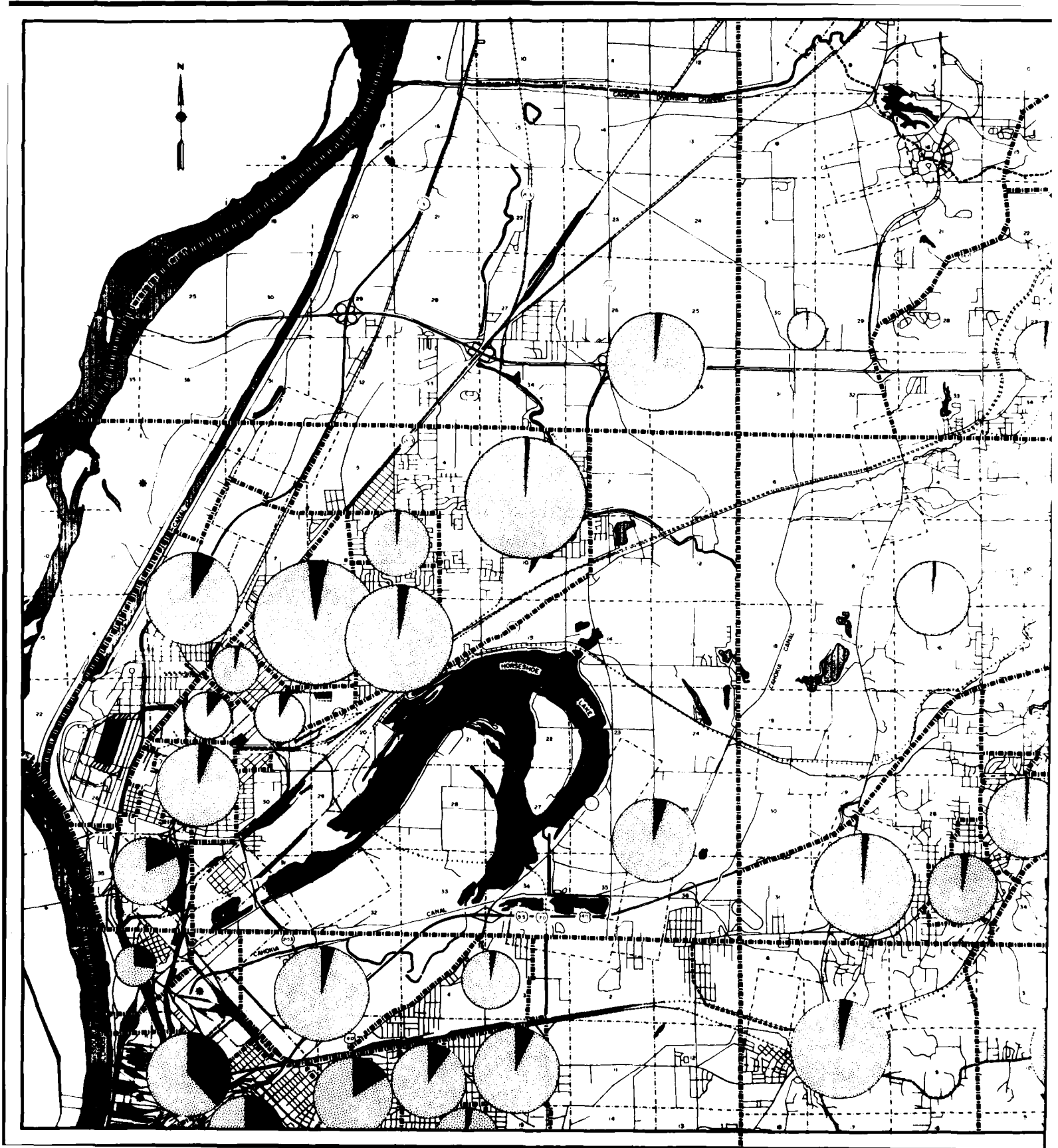
* No data

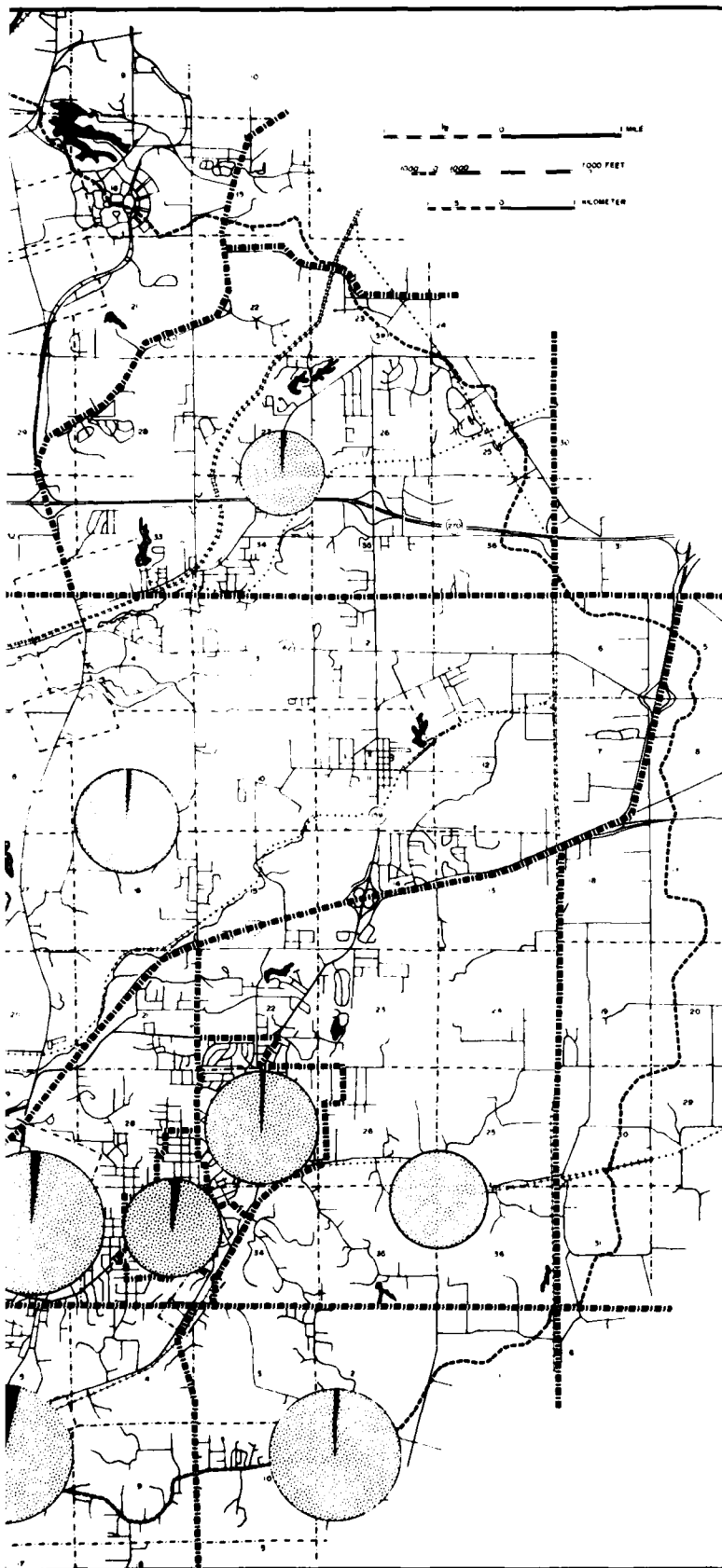


SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo.-III. SMSA. Table P-4

Cartography by Beth Koopke and David Cloland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA PERCENT OF ALL HOUSEHOLDS WITH INCOME BELOW POVERTY LEVEL BY CENSUS TRACTS 1969
Prepared under the direction of <i>Robert H. Kuyke</i>	Figure XVI-16 Plate number





NUMBER OF FAMILIES

25

600

1,000

2,500

3,300

* NO DATA

% WITH PUBLIC ASSISTANCE OR
PUBLIC WELFARE INCOME

SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo., III. SMSA, Table P-4

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert L. Knight

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

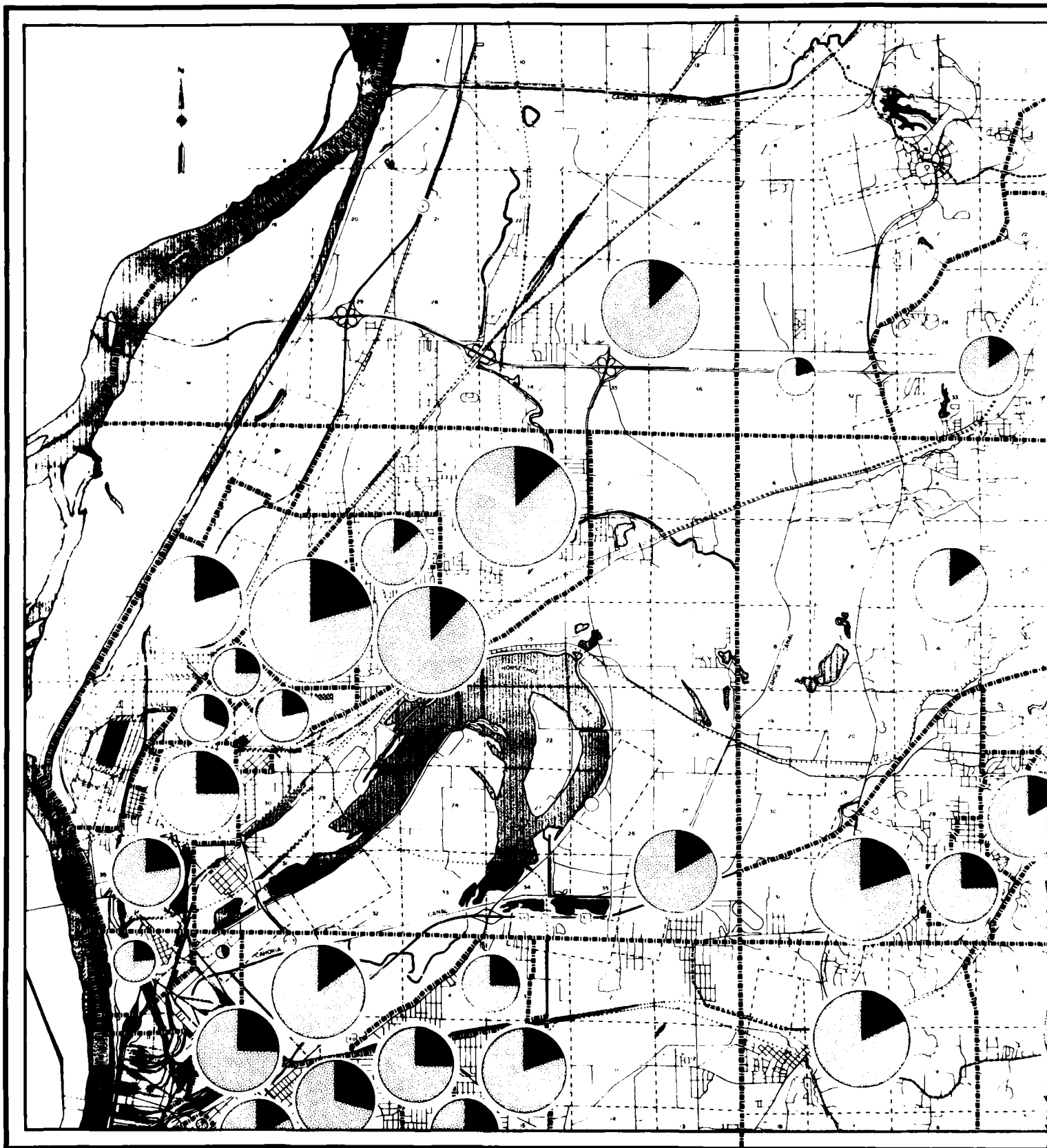
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

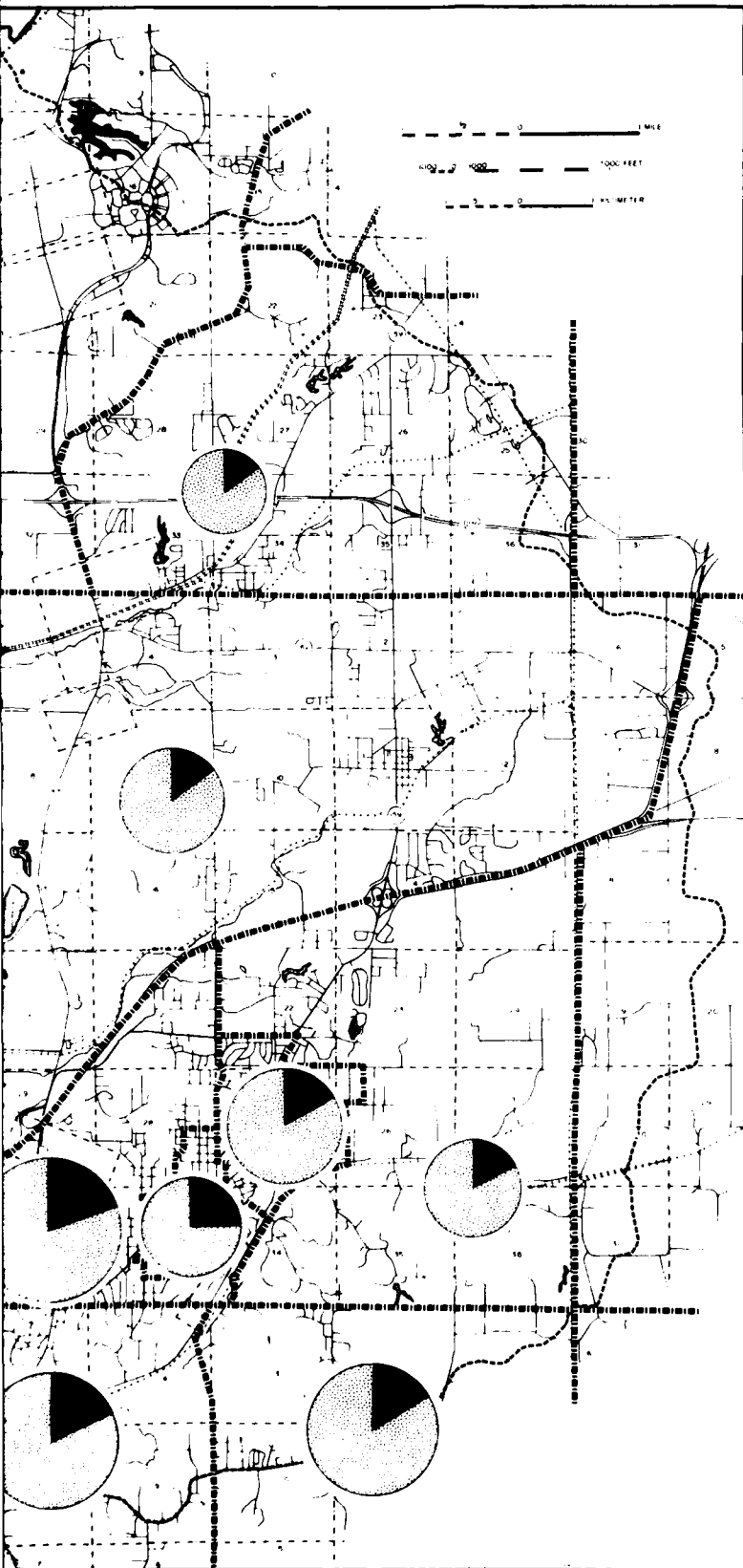
PERCENT OF ALL FAMILIES

WITH PUBLIC ASSISTANCE
OR PUBLIC WELFARE INCOME

BY CENSUS TRACTS 1969

Figure XVI-17 Plate number





NUMBER OF FAMILIES

-----25

-----600

-----1,000

-----2,500

-----3,300

* NO DATA



SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo., Ill. SMSA, Table P-4

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert J. [illegible]

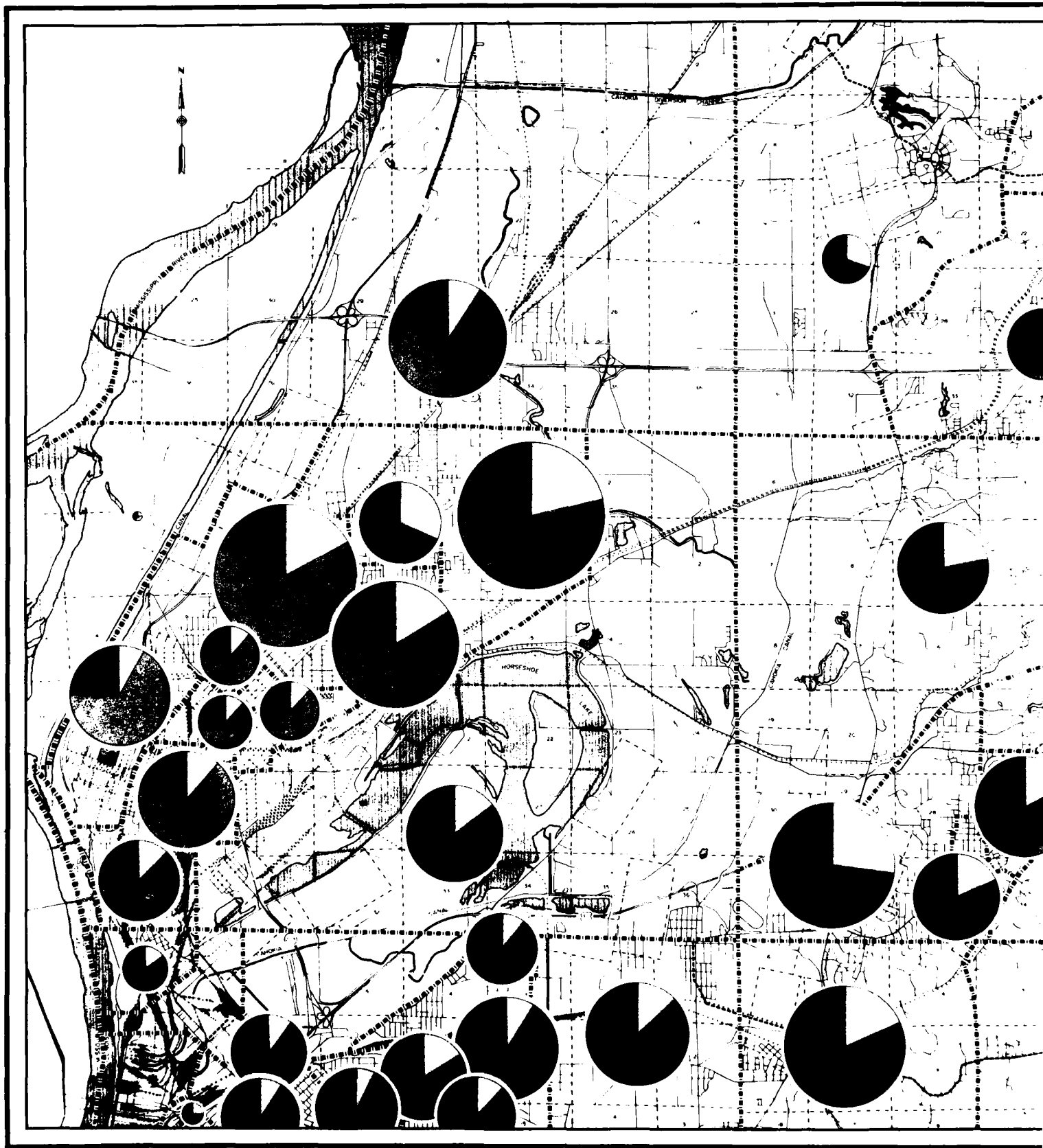
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

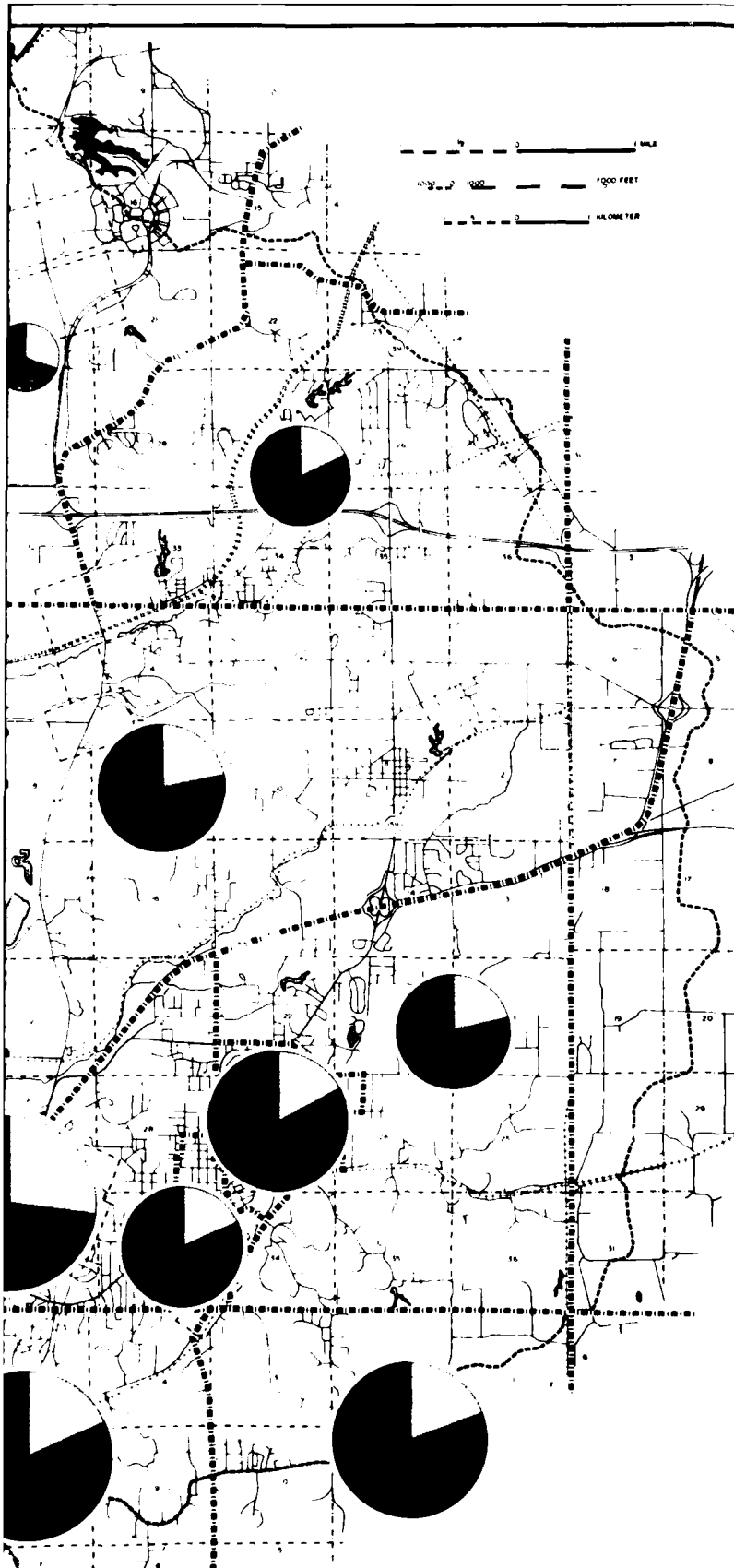
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

PERCENT OF ALL FAMILIES
WITH SOCIAL SECURITY INCOME
BY CENSUS TRACTS

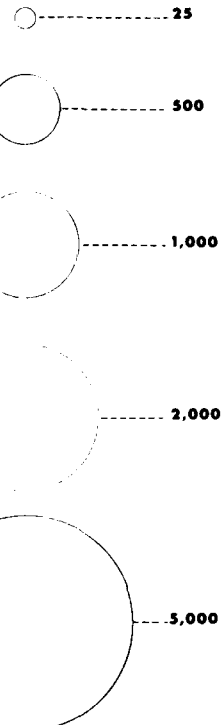
1969

Figure XVI 18 Plate number



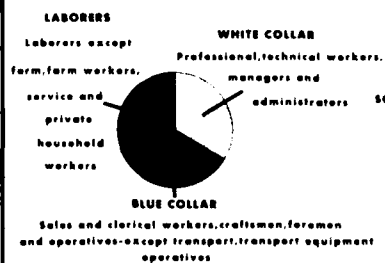


NUMBER EMPLOYED



* No data

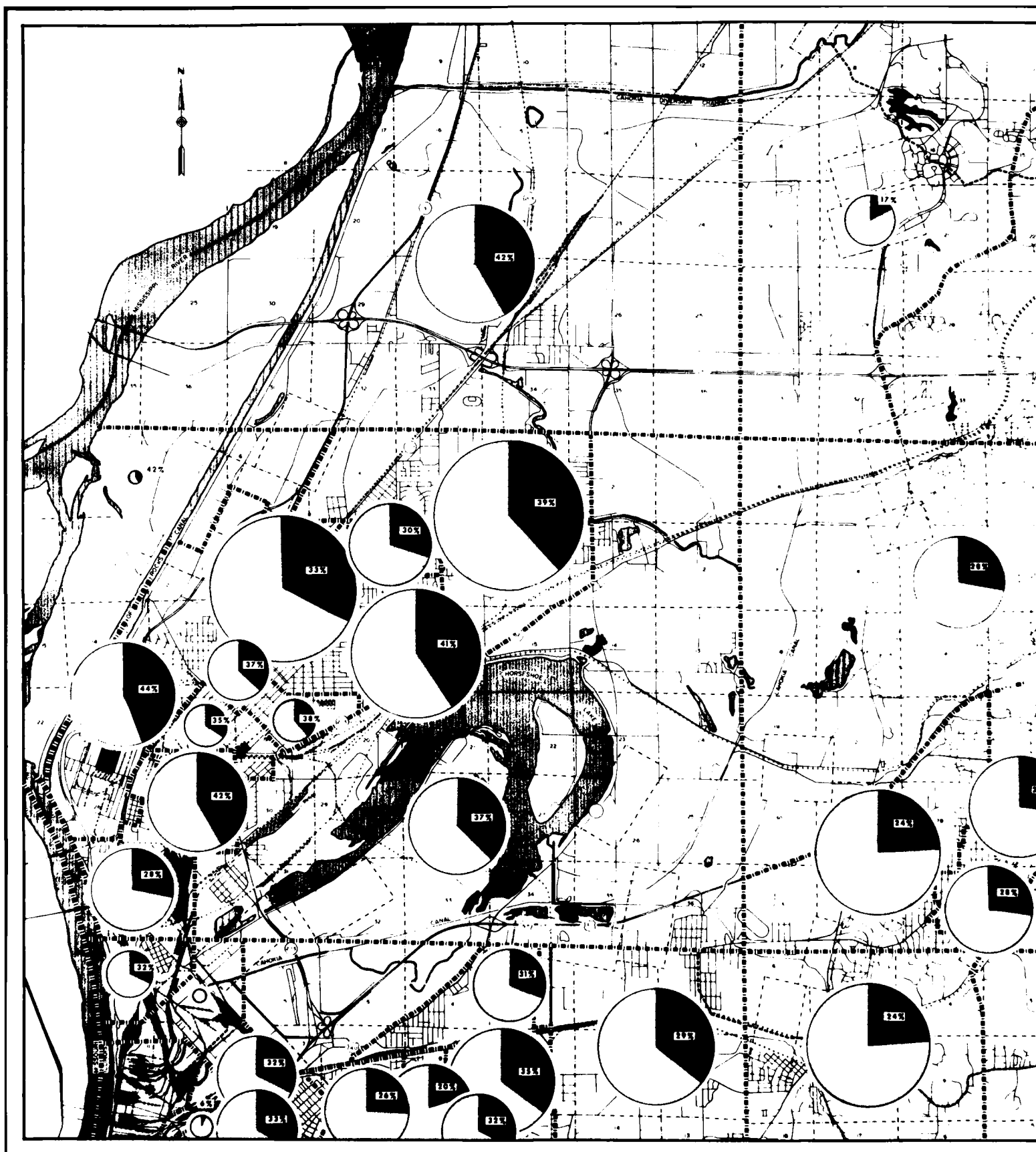
OCCUPATION

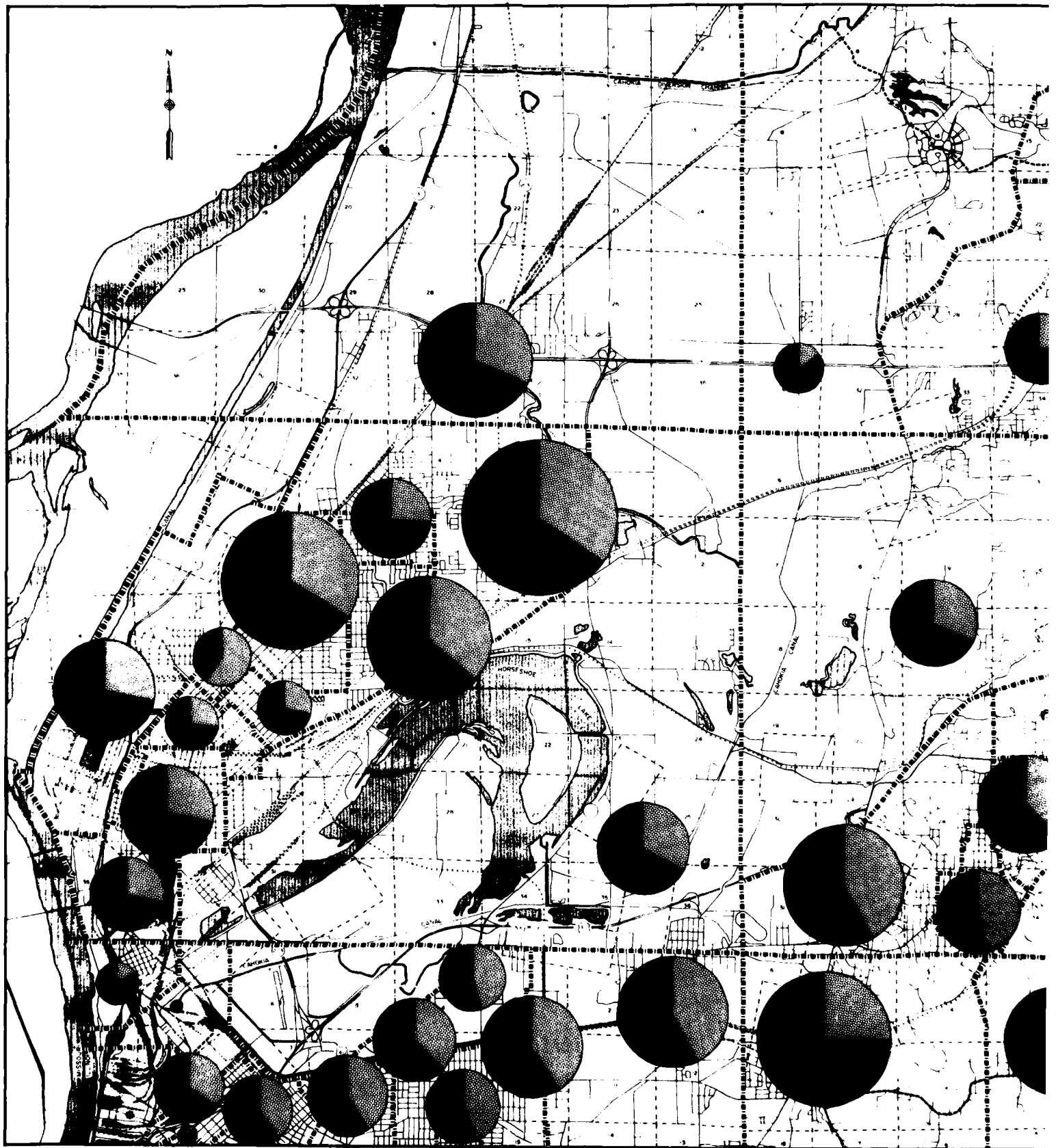


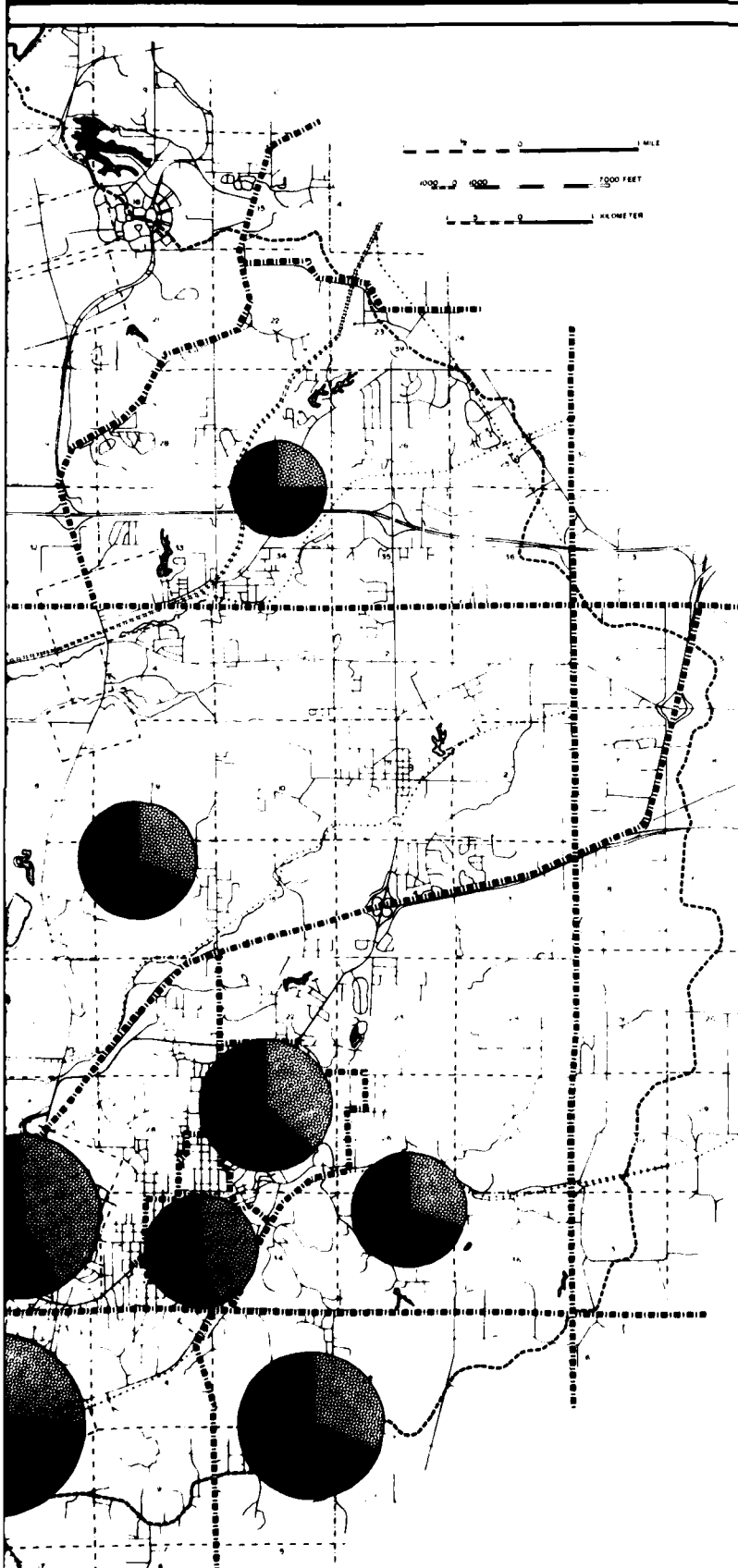
SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PHC (1)-101
St. Louis Mo.-Ill. SMSA, Table P-2.

Cartography by David Clelland

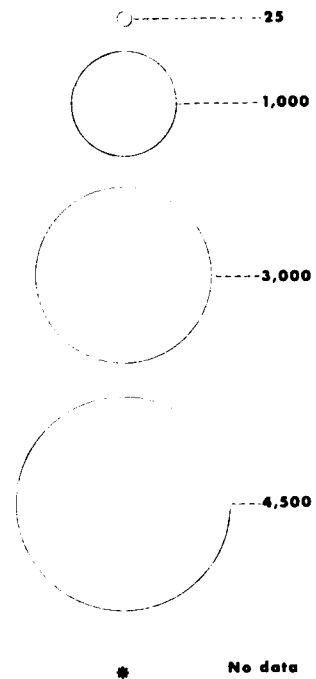
ENVIRONMENTAL INVENTORY	<p>U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri</p> <p>East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA</p> <p>OCCUPATION OF TOTAL EMPLOYED</p> <p>16 YEARS OLD AND OVER</p> <p>BY CENSUS TRACTS</p> <p>1970</p>
Prepared under the direction of	<p>Figure XVI 19 Plate number</p>



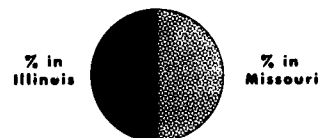




NUMBER OF WORKERS



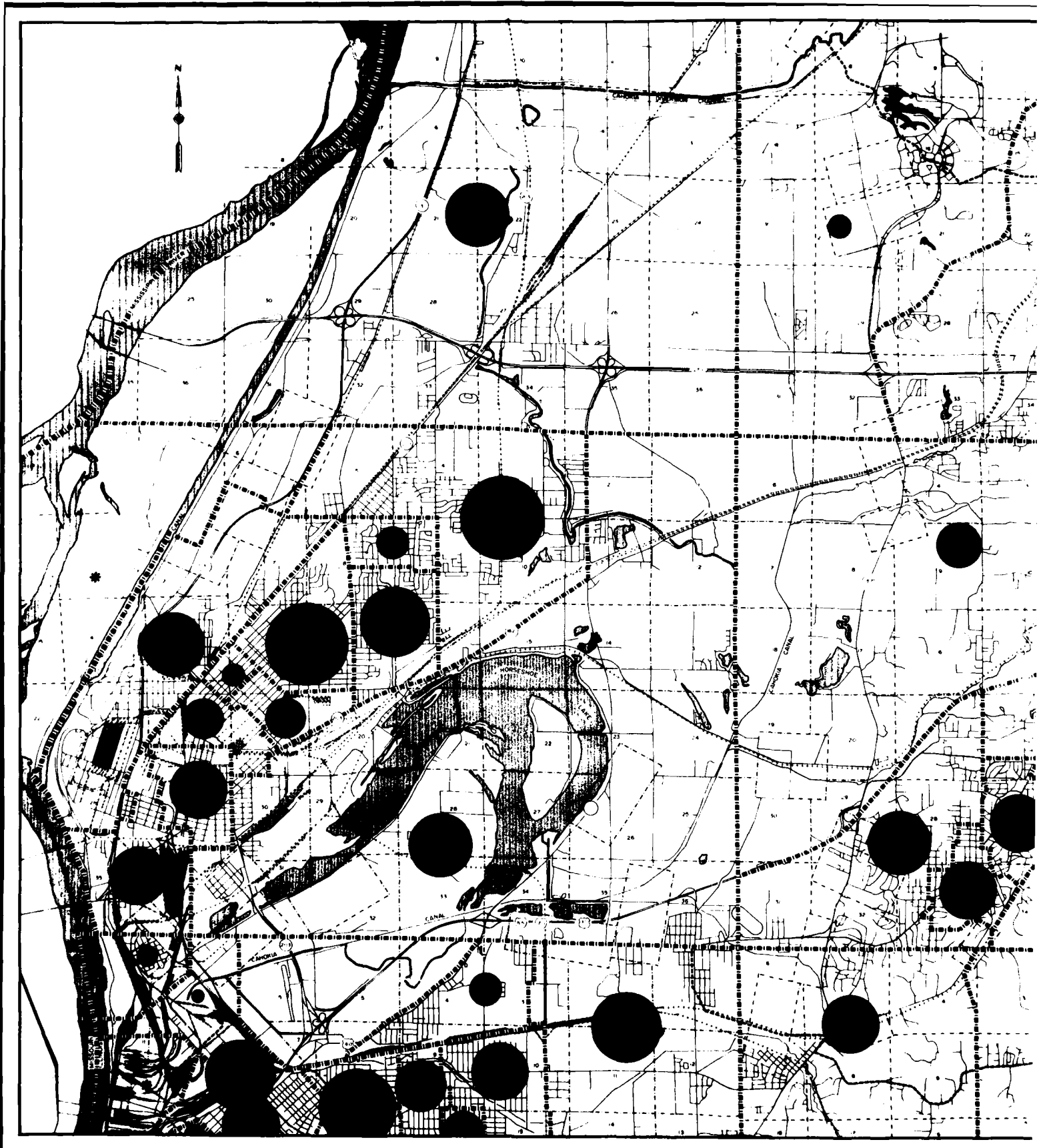
PLACE OF WORK

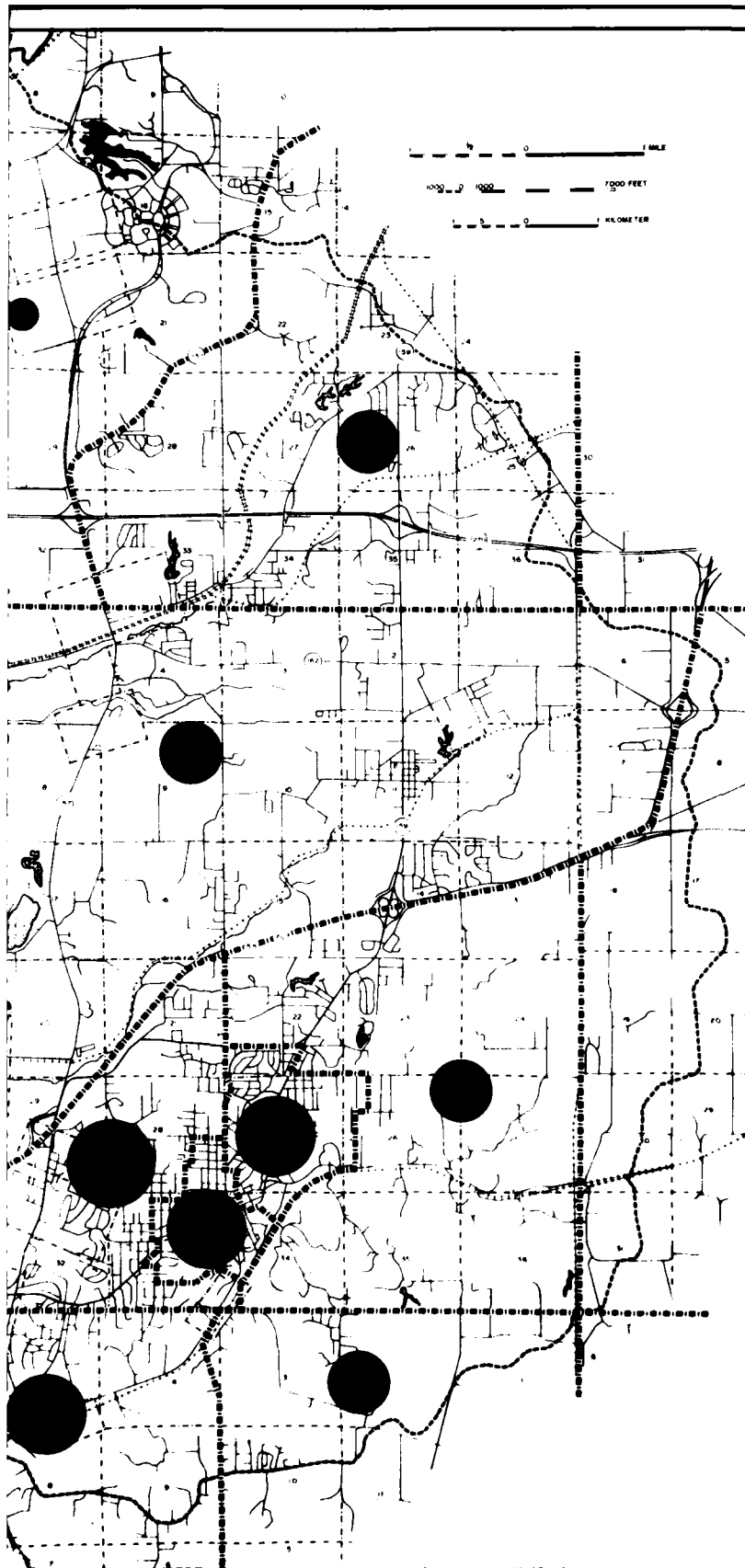


SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1970
Census Tracts
Final Report PNC (1) - 101.
St. Louis Mo. - III. SMSA, Table P-3

Cartography by Beth Koopke and David Clifland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>Robert L. Koopke</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA GENERAL PLACE OF WORK INSIDE SMSA BY CENSUS TRACTS 1970
Figure XVI 21 Plate number	





NUMBER

5

20

50

80

170

No data

SOURCE: U.S. Bureau of the Census
Census of Population and Housing 1970
Census Tracts
Final Report PHC (1)-181
St. Louis Mo. III SMSA Table P-3

Cartography by David Clafford

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Environmental report

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

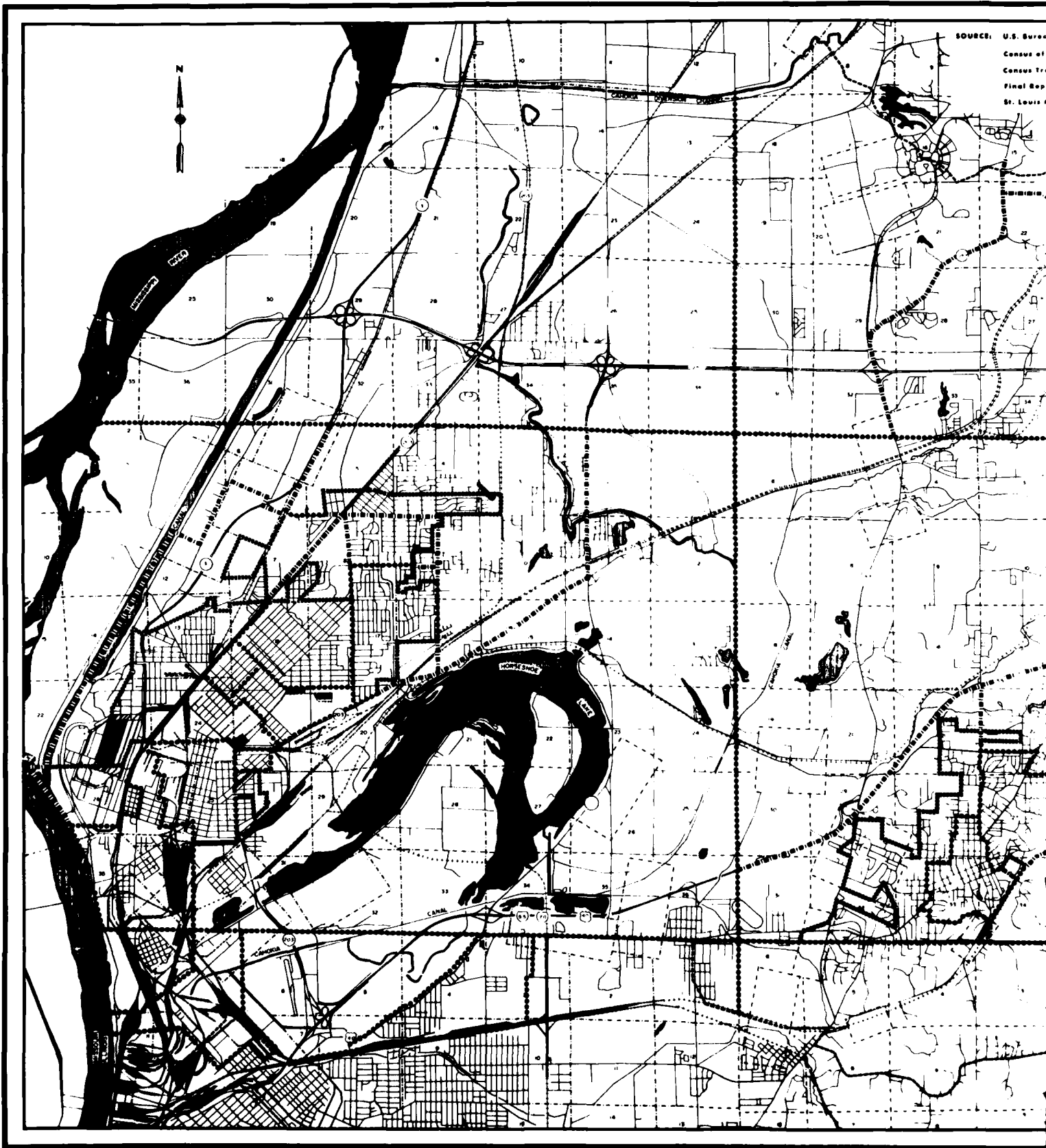
NUMBER OF MALES UNEMPLOYED

16 YEARS OLD AND OVER

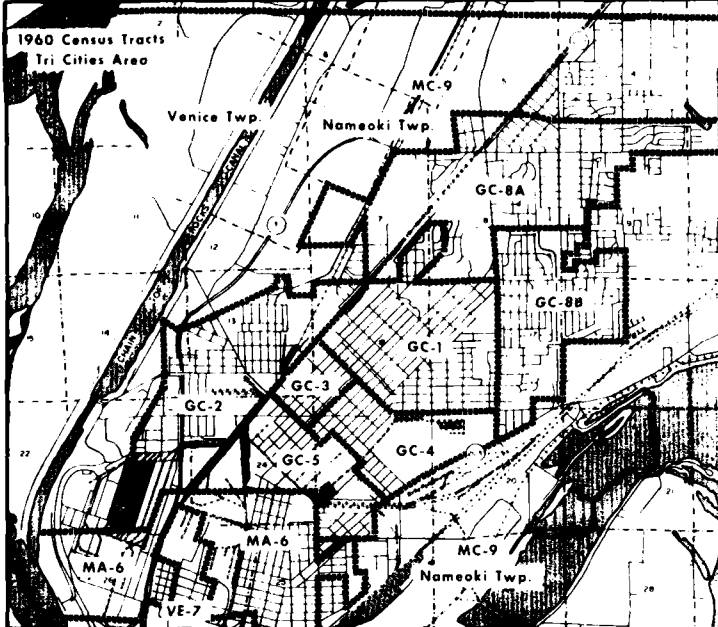
BY CENSUS TRACTS

1970

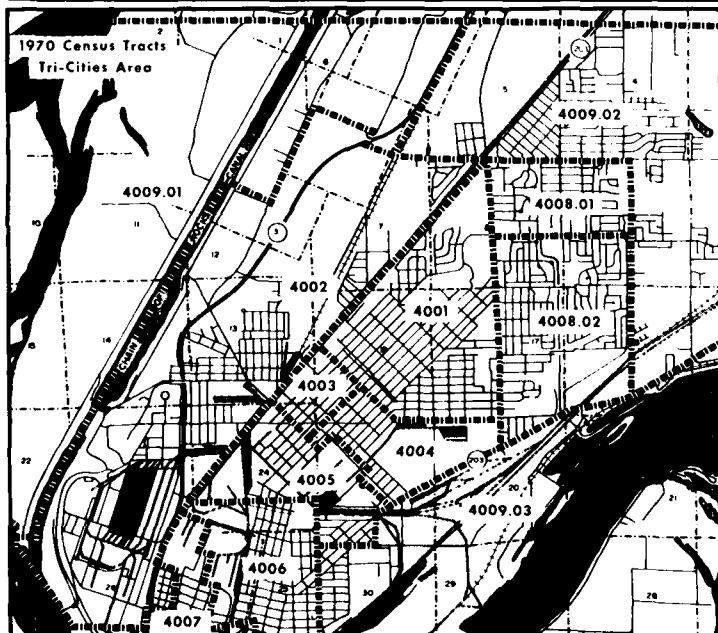
Figure XVI-22 Plate number



SOURCE: U.S. Bureau of the Census
Census of Population and Housing: 1960 and
1970
Census Tracts
Final Report PHC (1)-121(1960) and PHC (1)-161
St. Louis Mo.-III. SMSA (1970)



1960 CENSUS
TRACT BOUNDARY



1970 CENSUS
TRACT BOUNDARY

1960 and
1970 CENSUS TRACT
BOUNDARIES ARE
THE SAME

Note: 1940, 1950 and 1960 Census
Tract boundaries are the same
for the Tri-Cities area

Cartography by David Clatland

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

Robert R. Knapke

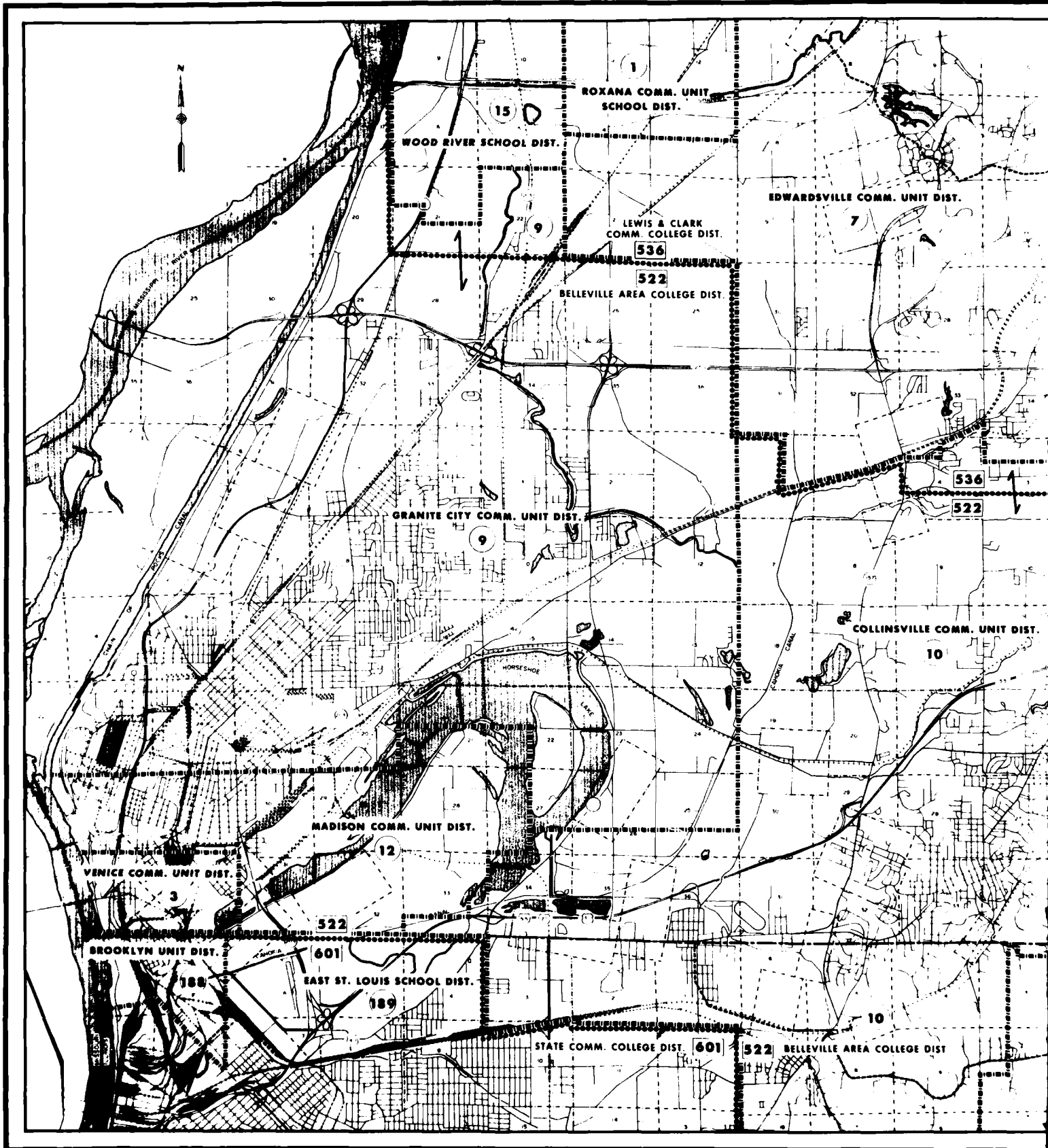
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

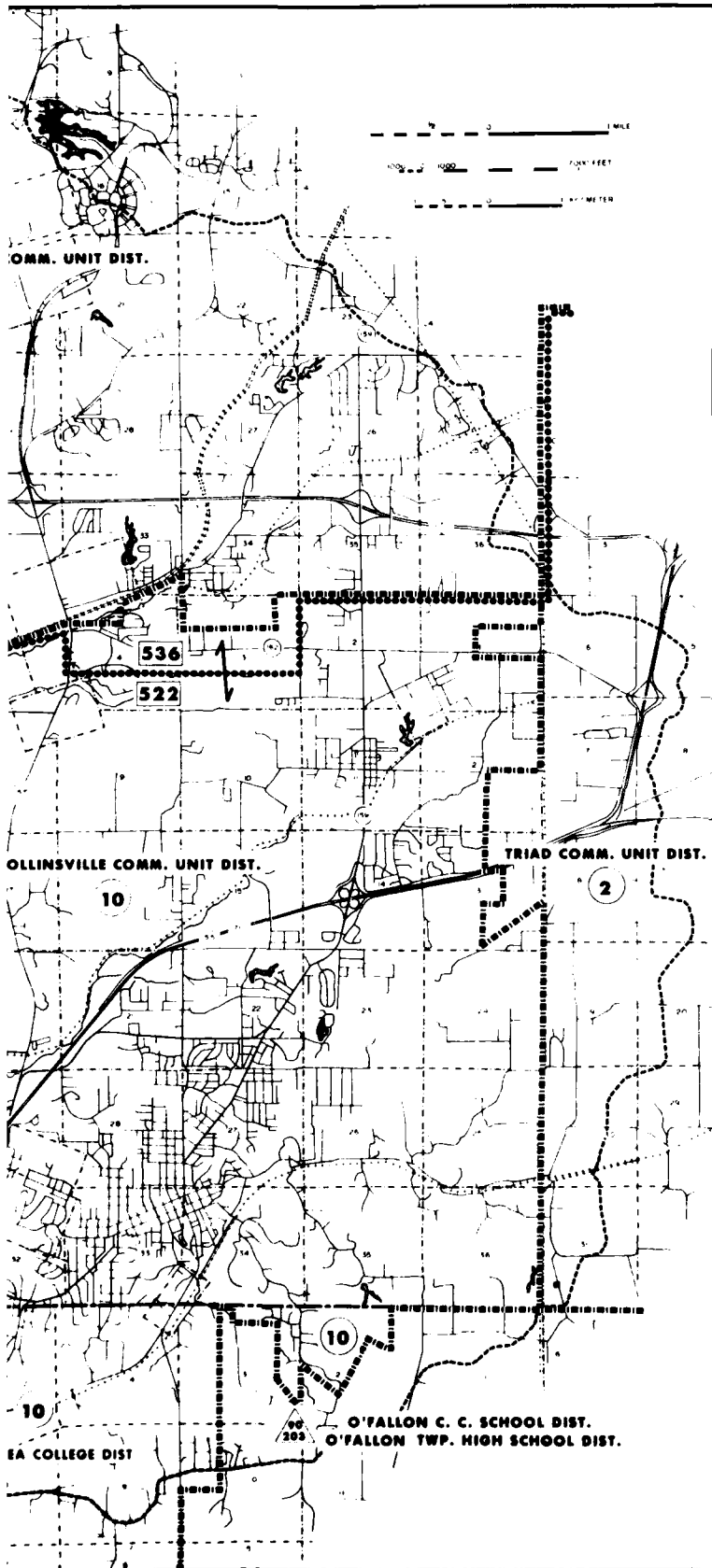
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

COMPARISON OF 1960 AND 1970
CENSUS TRACT BOUNDARIES

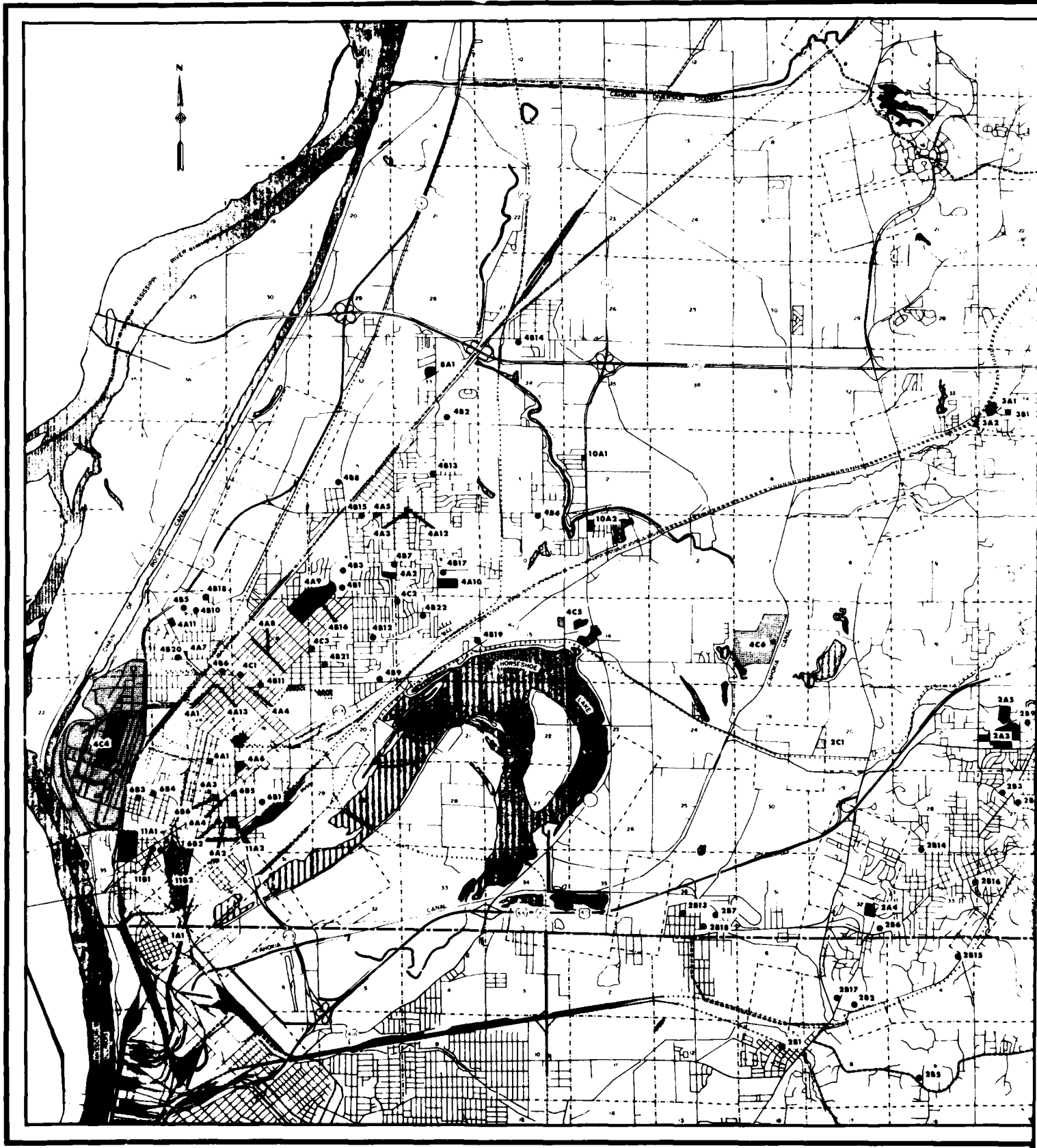
Figure XVI-23 Plate number

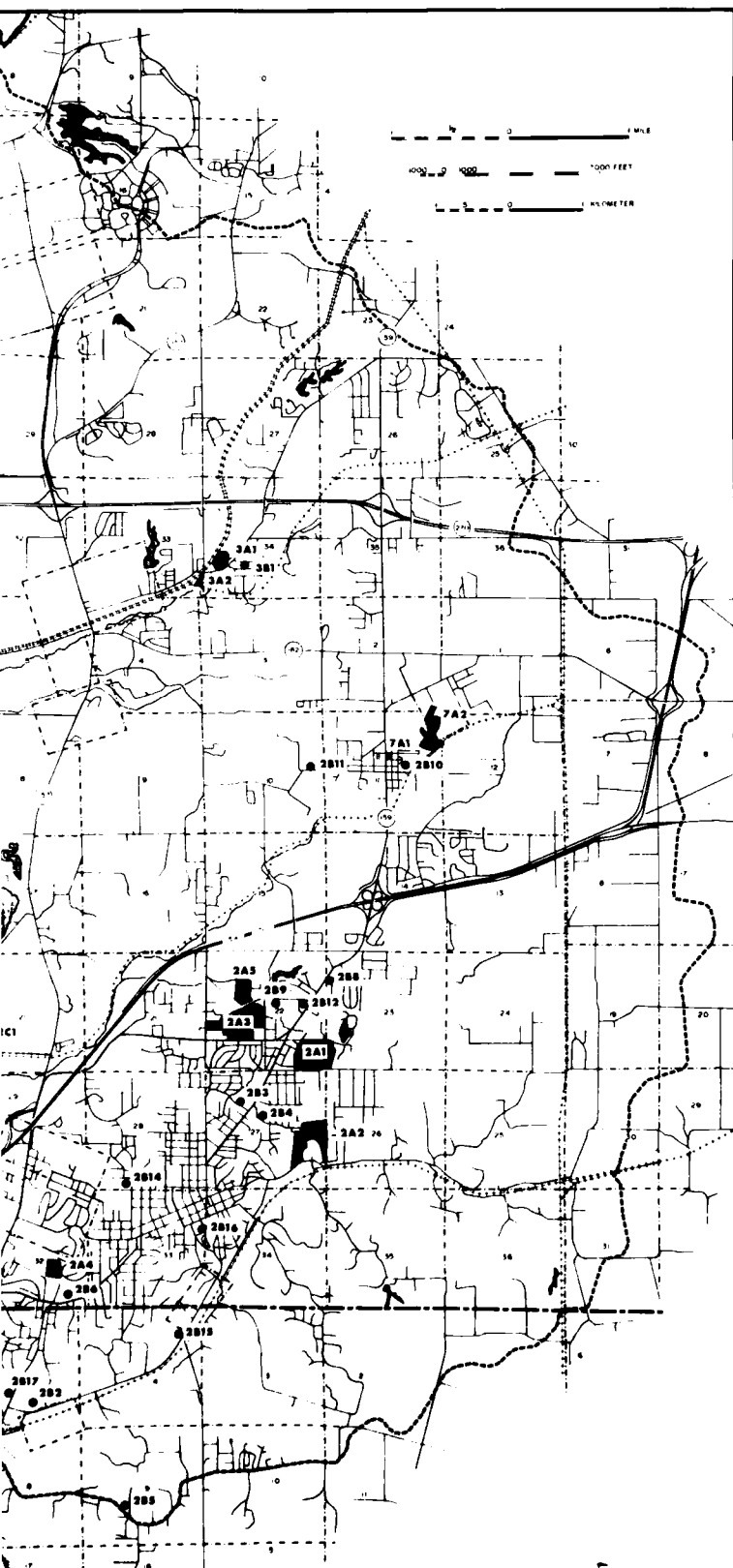
0 1000 FEET
0 1 KILOMETER





ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of	JUNIOR COLLEGE AND UNIT SCHOOL DISTRICTS
	Figure XVI 24 Plate number





4A10  Parks

4B9  Schools

4C4  Private

See text for information on each site

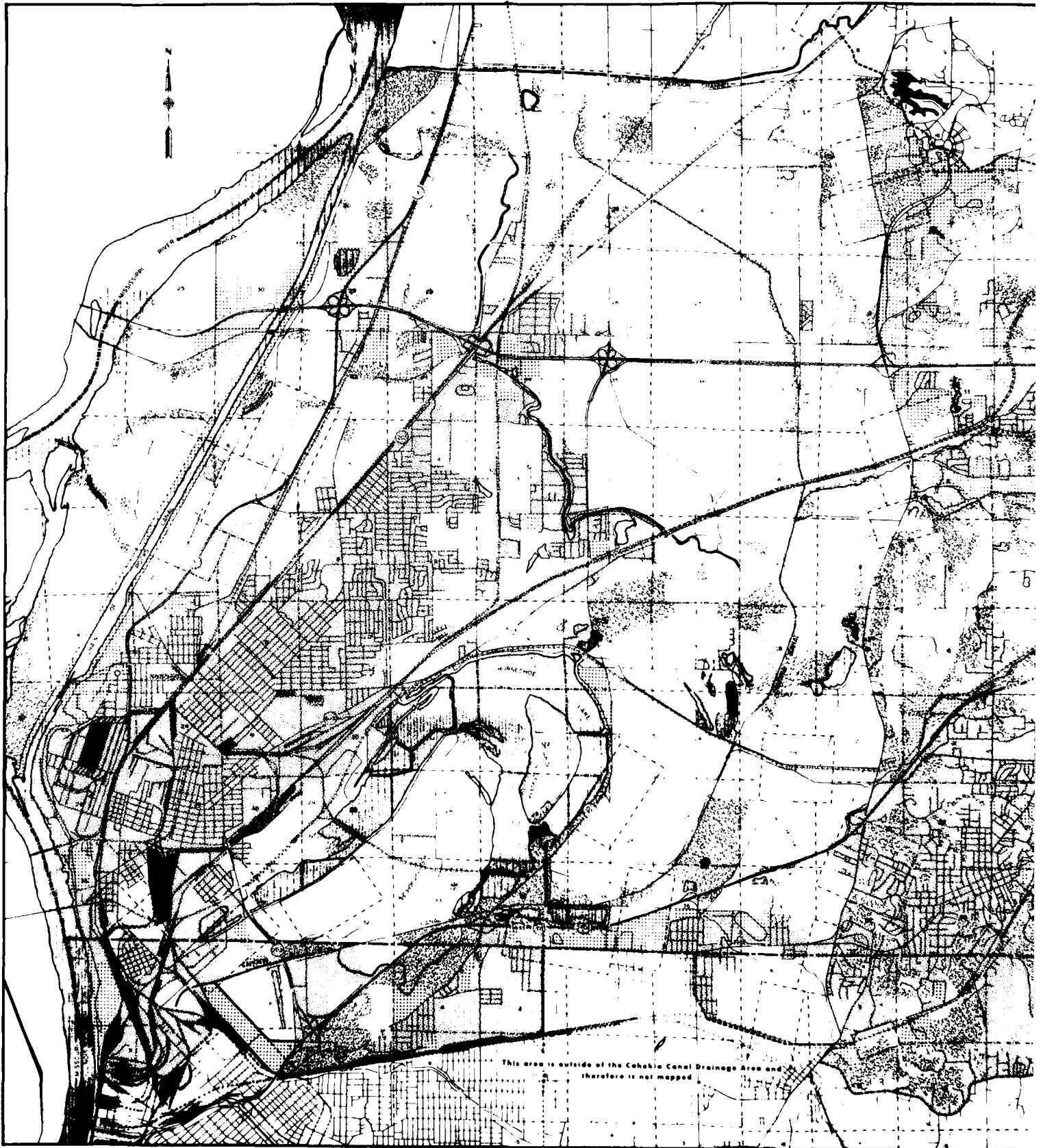
example:

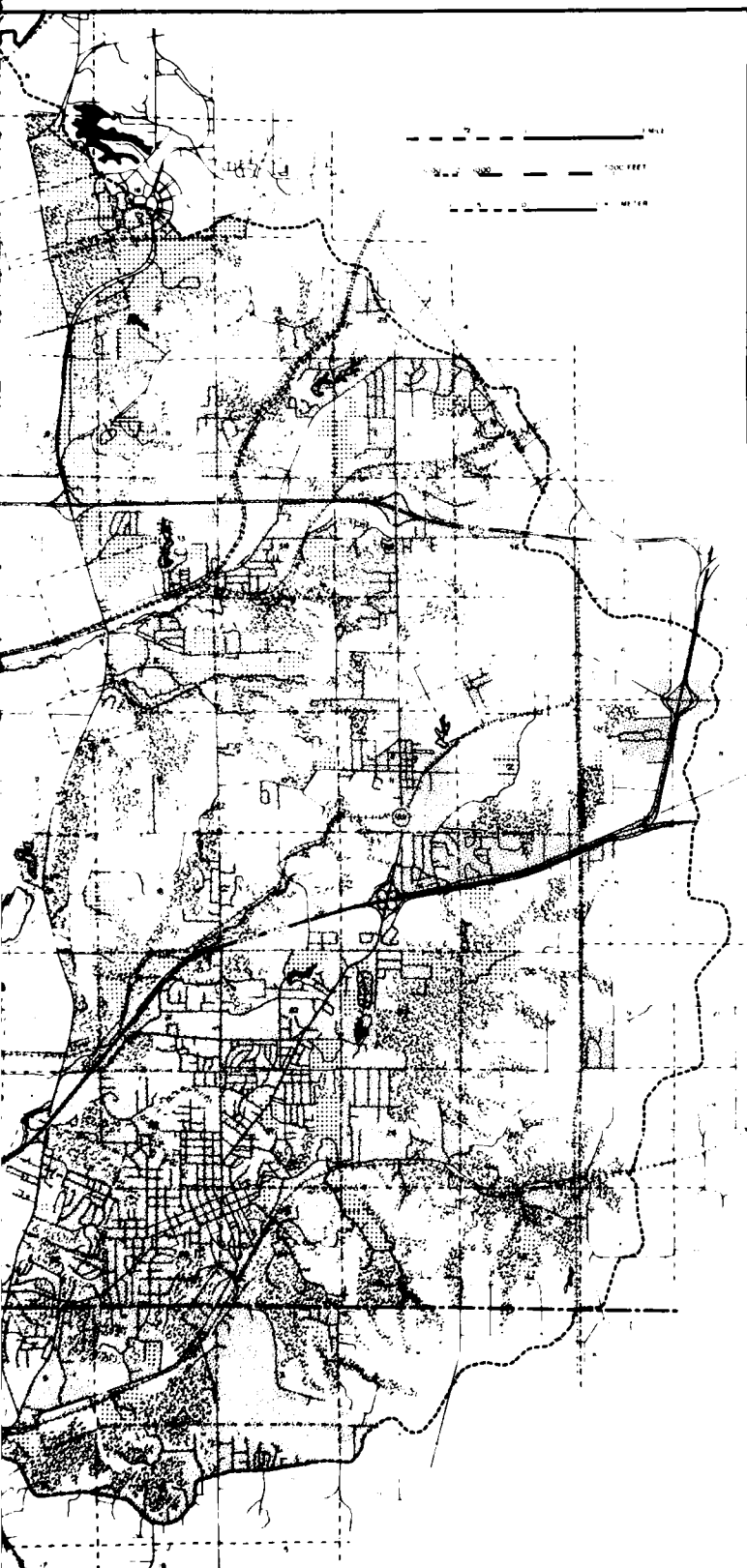








Source: Field Survey April 1979.

Cartography by Aaron Bideaux

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA RECREATION SITES 1979
Prepared under the direction of	Figure XVIII 1 Plate number



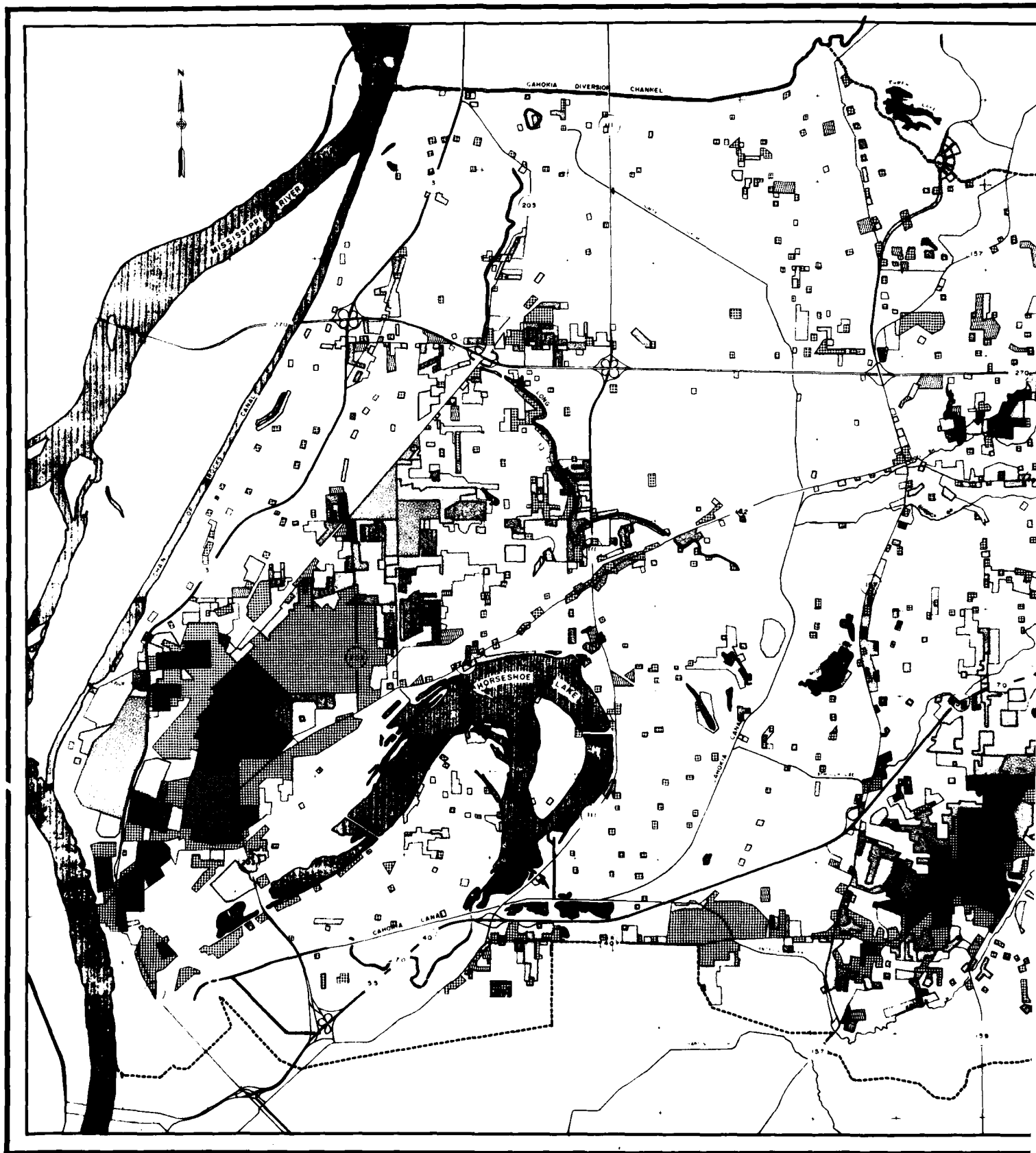


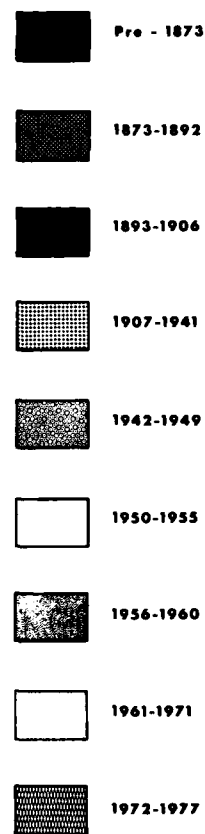
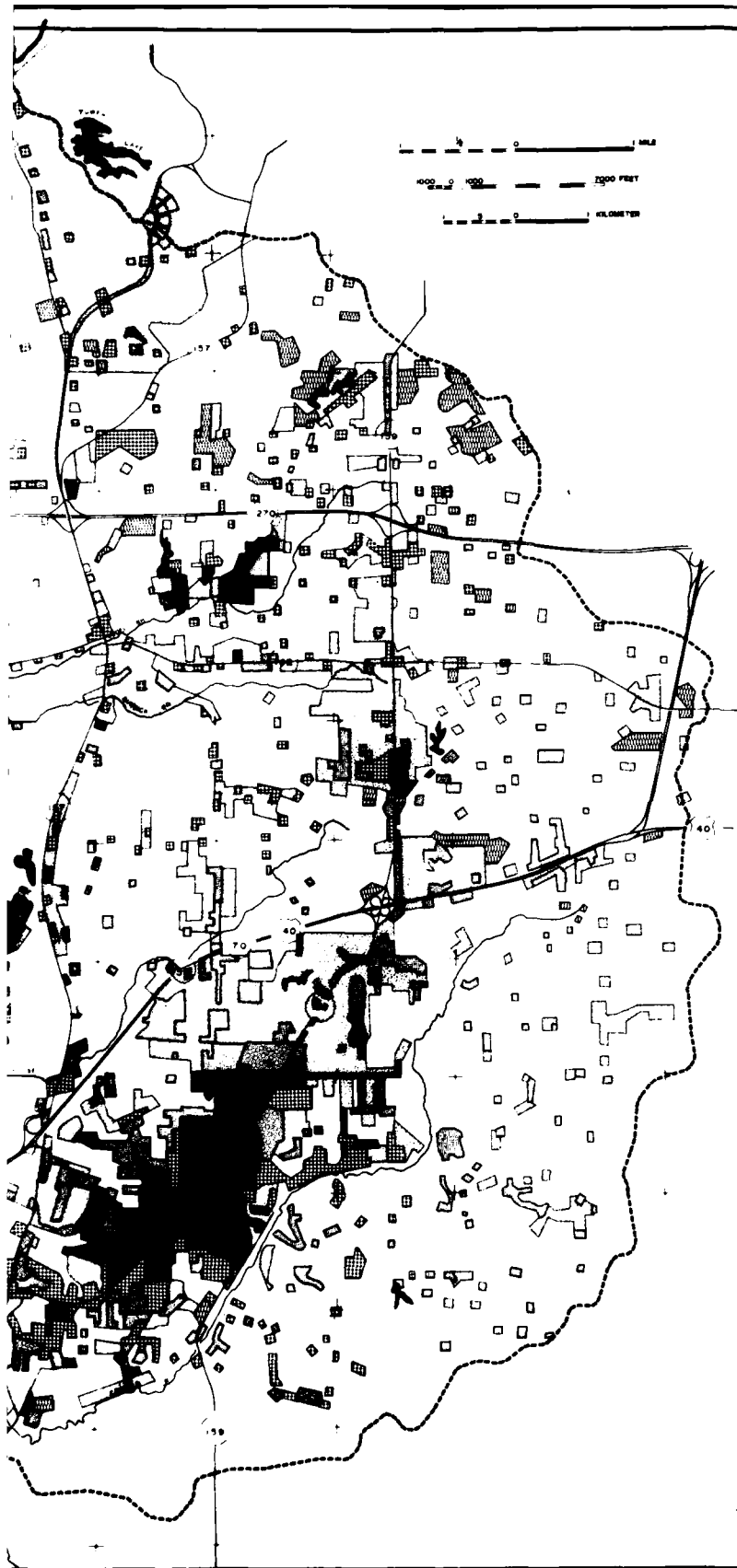
-  URBAN
-  NATURAL VEGETATION
-  DEVELOPED OPEN SPACE
-  WATER BODIES
-  AGRICULTURE
(or not mapped)
-  CAHOKIA CANAL DRAINAGE AREA
BOUNDARY

Source: U. S. Army Corps of Engineers
(Revised using 1977 air photos)

Cartography by David Clalland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
Prepared under the direction of <i>James H. Smith</i>	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA GENERALIZED LAND USE 1977
Figure XIX 1 Plate number	

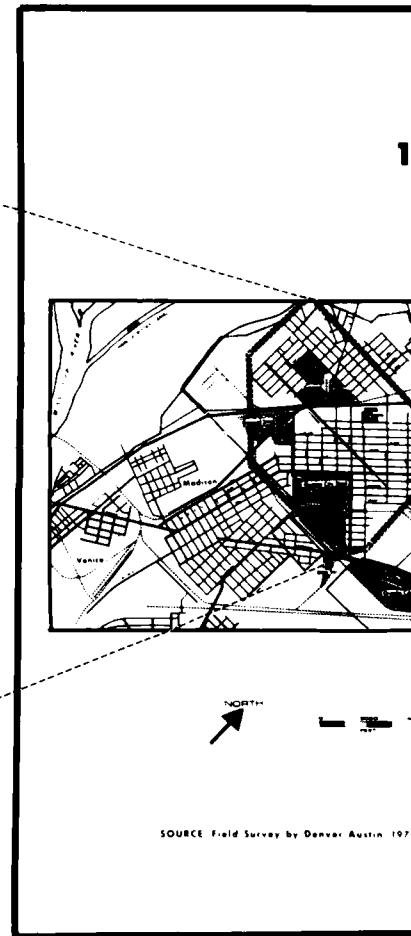
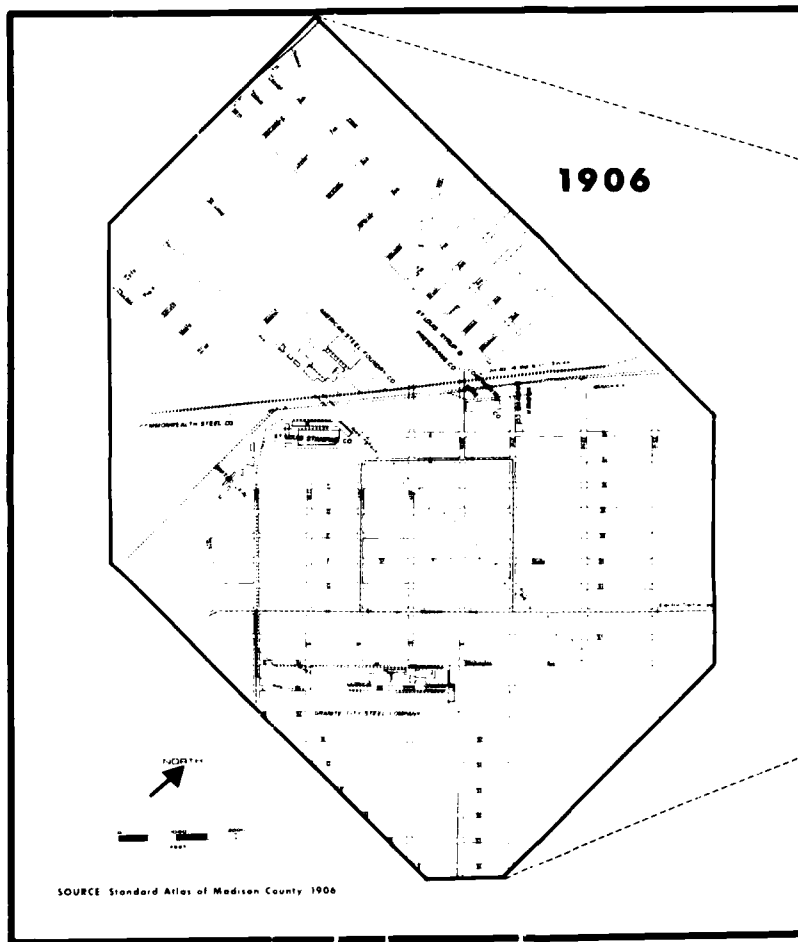




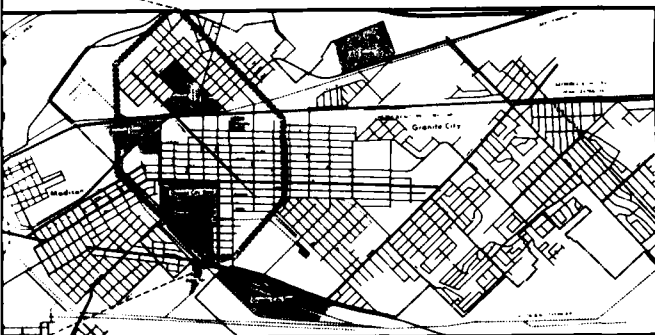
Source: Illustrated Encyclopedia and Atlas of Madison County Illinois, 1873.
 New Atlas of Madison County Illinois, 1892.
 Standard Atlas of Madison County Illinois, 1906.
 Aerial photographs from 1941, 1949, 1955, 1960, 1971 and 1977.

Cartography by David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert S. Jopke</i>	URBAN GROWTH Pre-1873 to 1977
Figure XIX 2 Plate number	



1973



Coverage of 1906 Map.

SOURCE: Field Survey by Denver Austin, 1973

SOURCE: 'Evolution of Heavy Manufacturing in Granite City, Illinois, 1896 to 1973.'

Master's Thesis by Denver Austin, August 1977.

Map 1 and Map 2.

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

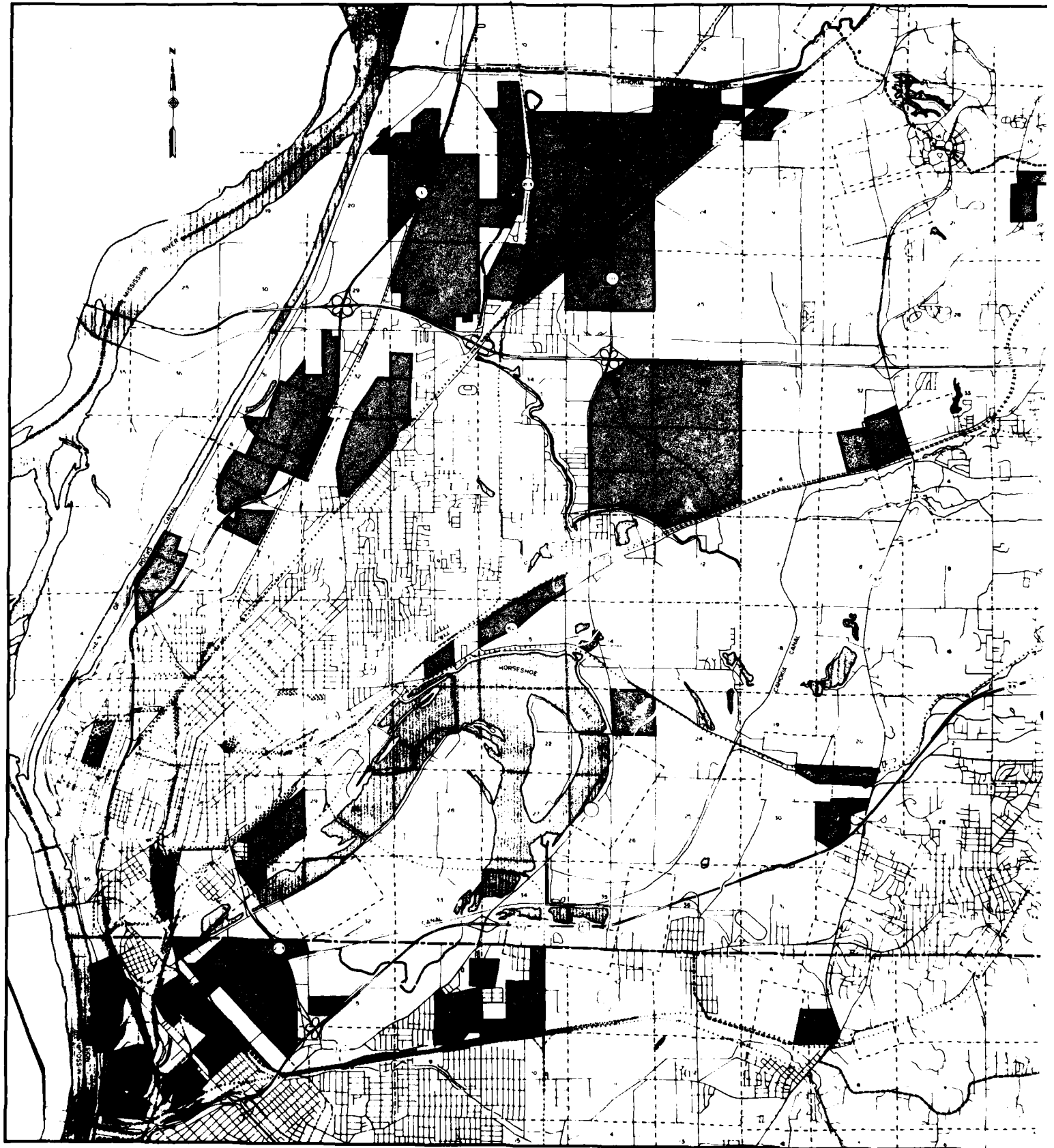
East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

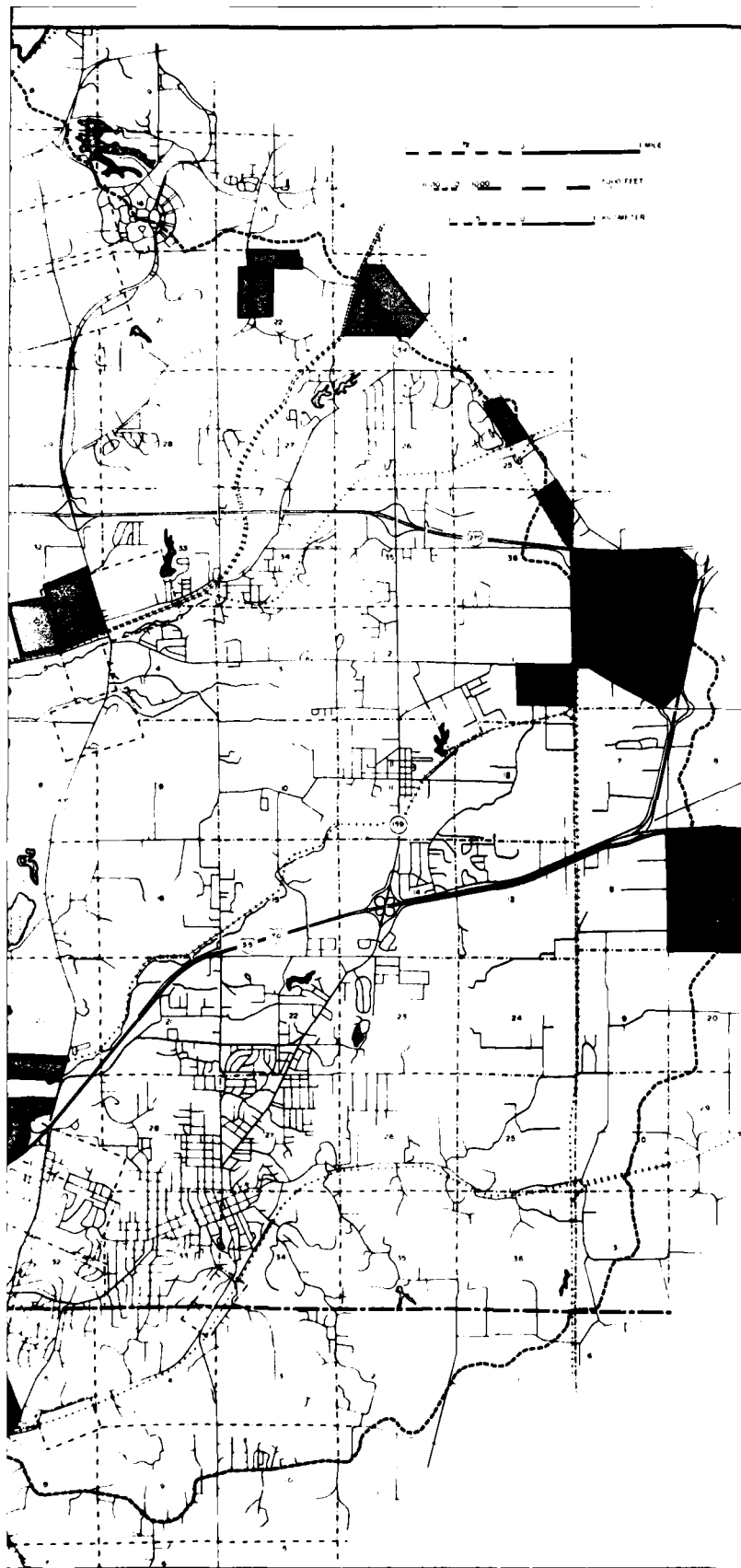
HEAVY INDUSTRY

GRANITE CITY, ILLINOIS

1906 and 1973

Figure XIX-3 Plate number





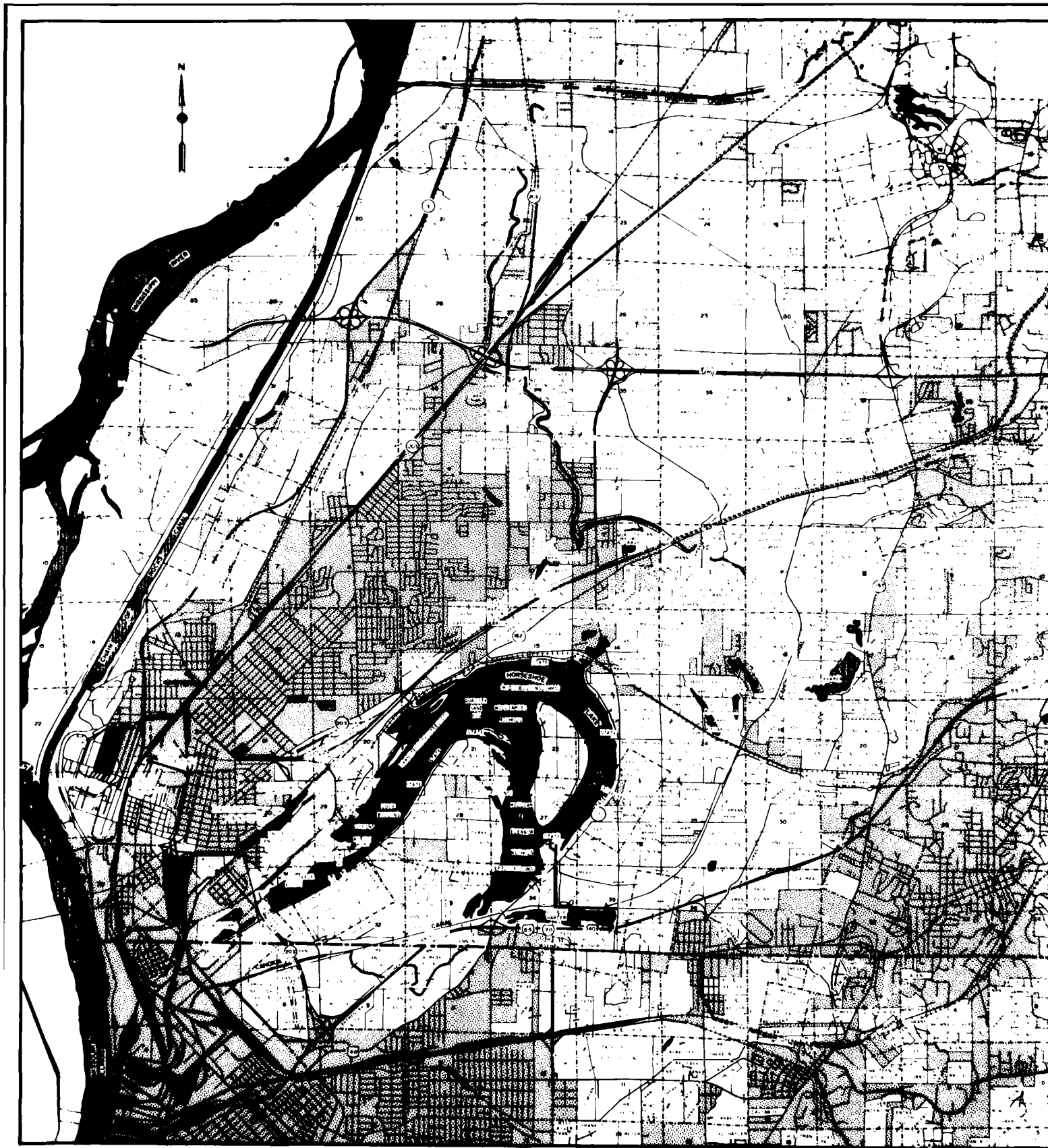
EXISTING OR PROPOSED INDUSTRIAL SITES

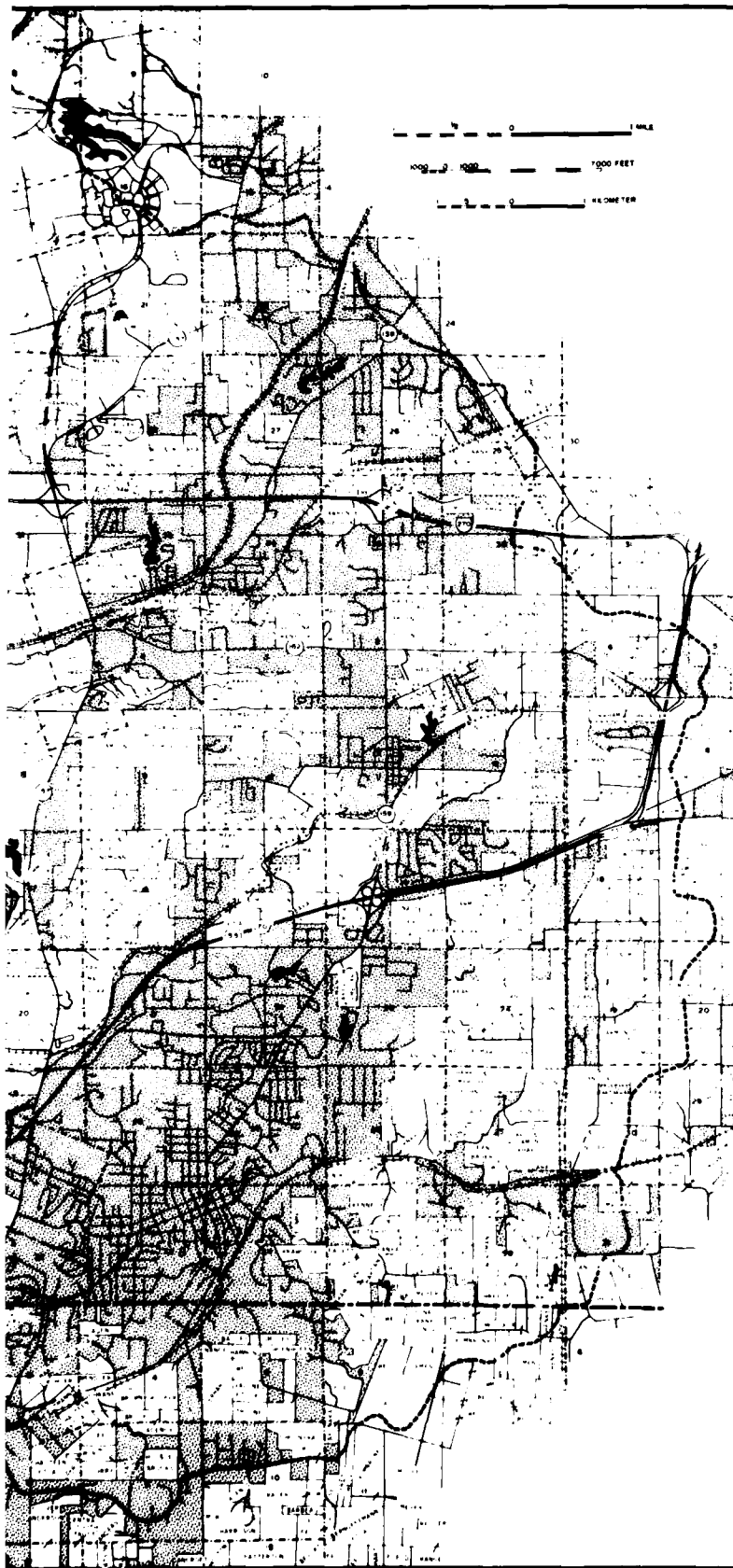
SOURCE: Field Survey by R. L. Koepke, et al.
and
Map of Southwest Regional Port District
Industrial Site and Building Survey, September, 1978
by Southwest Illinois Planning Commission and
Southwest Regional Port District.

Atlas and Plat Books of Madison(1978) and St. Clair(1977)
Counties, Rockford Map Publishers, Inc.

Cartography by David Clelland

ENVIRONMENTAL INVENTORY	US Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA INDUSTRIAL SITES 1979
Prepared under the direction of	Figure XIX 4 Plate number



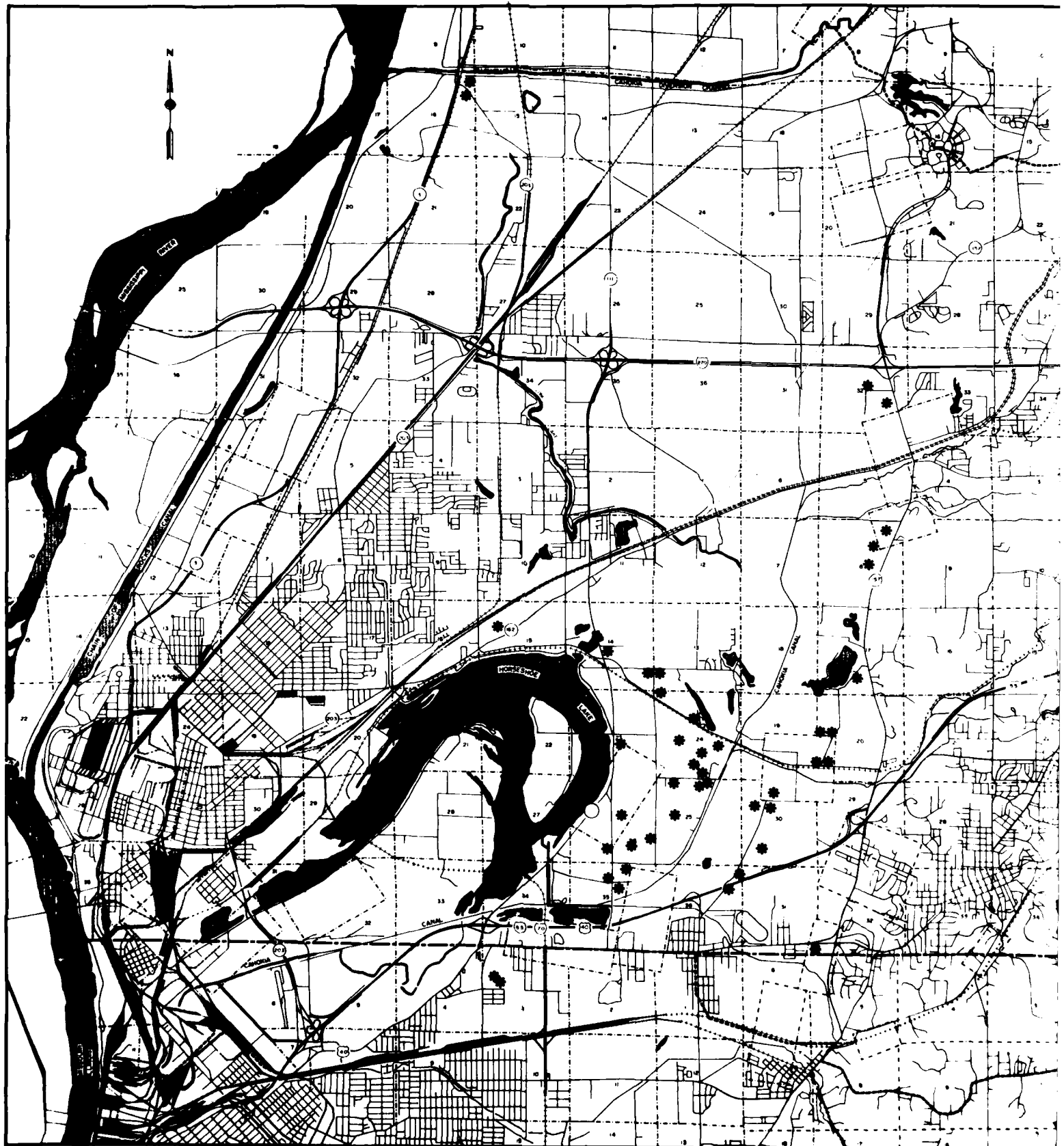


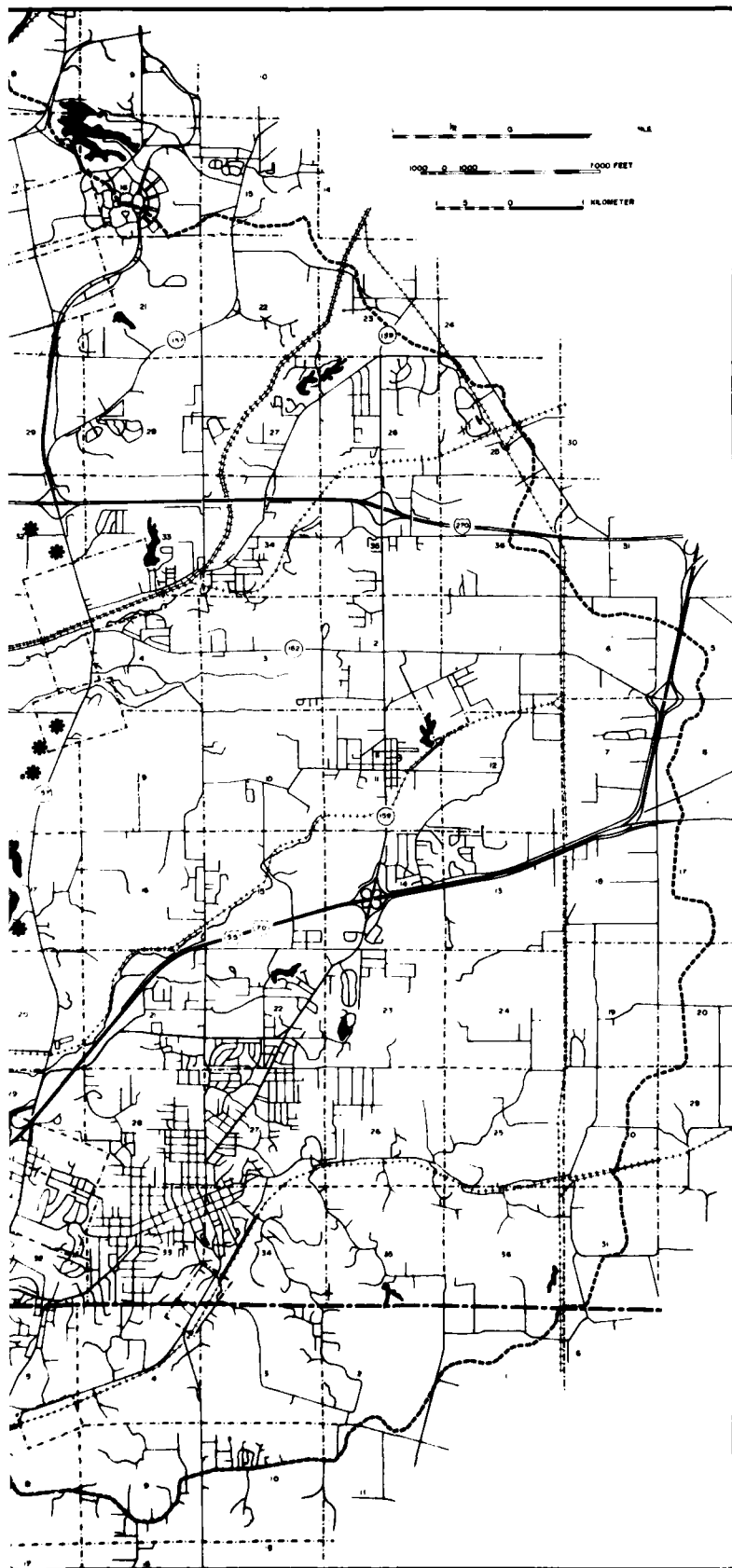
 **SUBDIVIDED AREAS**

SOURCE: St. Clair County, Illinois Atlas and Plat Book, 1977
and Madison County, Illinois Plat Book and
Index of Owners, 1978

Cartography by Cindi Hill Longwisch and Mark Anderson

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA OWNERSHIP 1977/78
Prepared under the direction of <i>Robert L. Koyne</i>	Figure XIX 5 Plate number





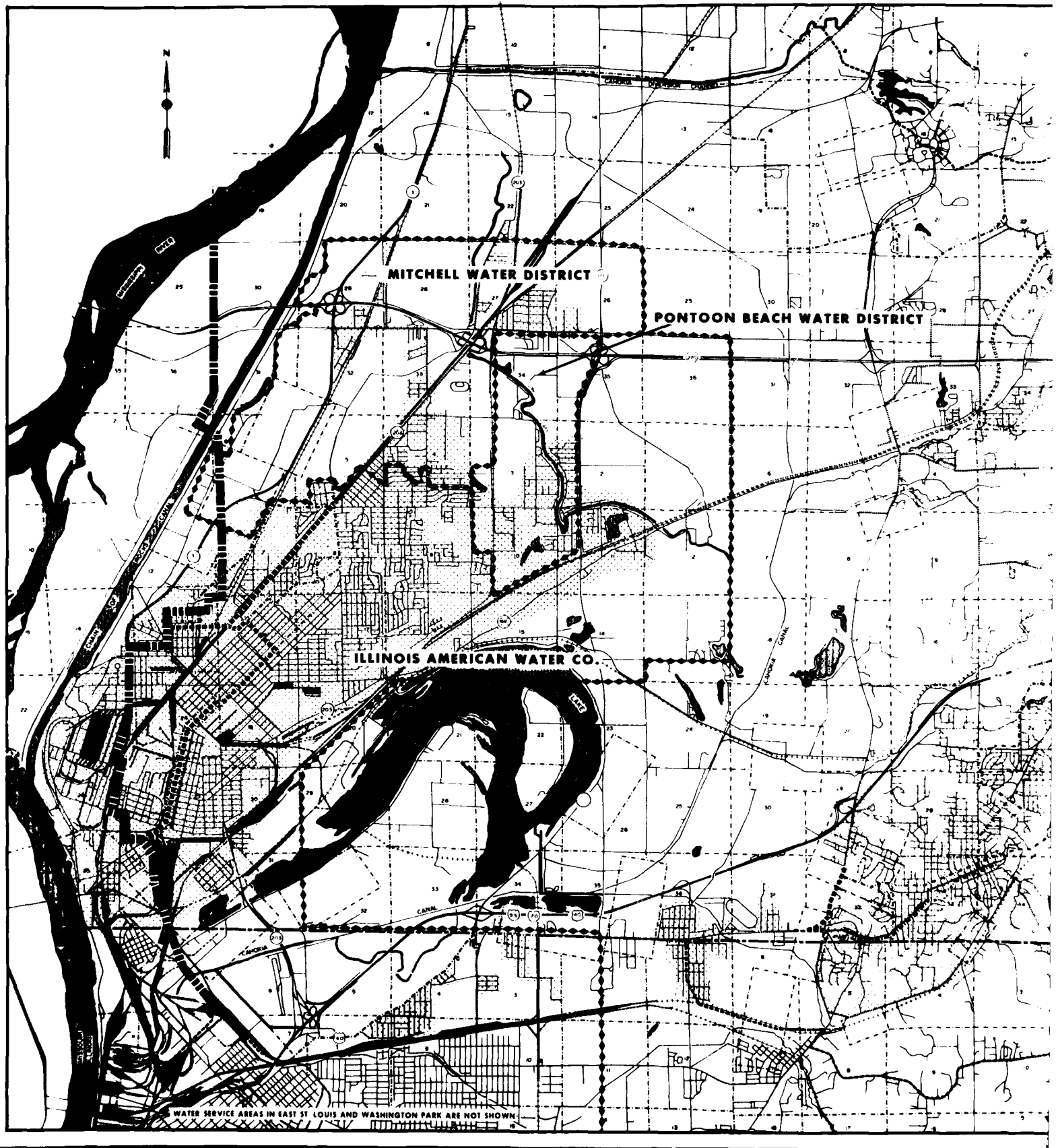
✱ **HORSERADISH FIELDS**

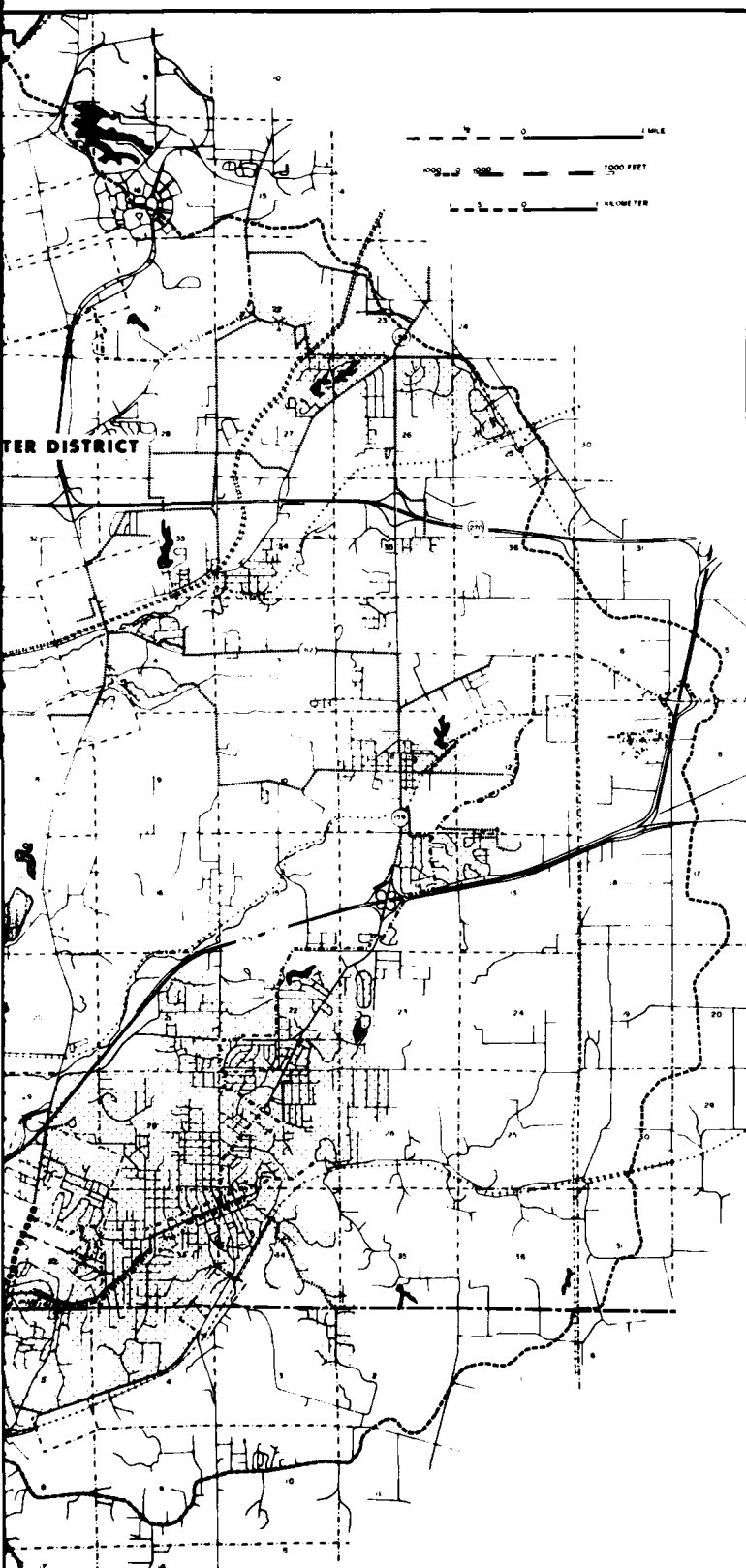
Within the American Bottoms Section of the Cahokia Canal Drainage Area

Source: Field Survey November 5, 1978.

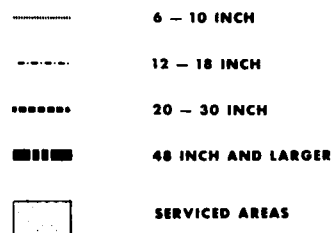
Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers: St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA HORSERADISH FIELDS FALL 1978
Prepared under the direction of <i>Robert K. Long</i>	Figure XIX-6 Plate number





WATER LINES



SOURCE COLLINSVILLE WATER MAP, 2/77.
 GLEN CARBON WATER MAP, 12/68.
 GRANITE CITY WATER SYSTEM MAP.
 INTERURBAN WATER WORKS MAP.
 MARYVILLE WATER MAP.
 MITCHELL WATER SYSTEM MAP.
 PONTON BEACH WATER MAP, 2/76.
 TROY WATER FACILITIES MAP.

ENVIRONMENTAL
INVENTORY

Prepared under the
direction of

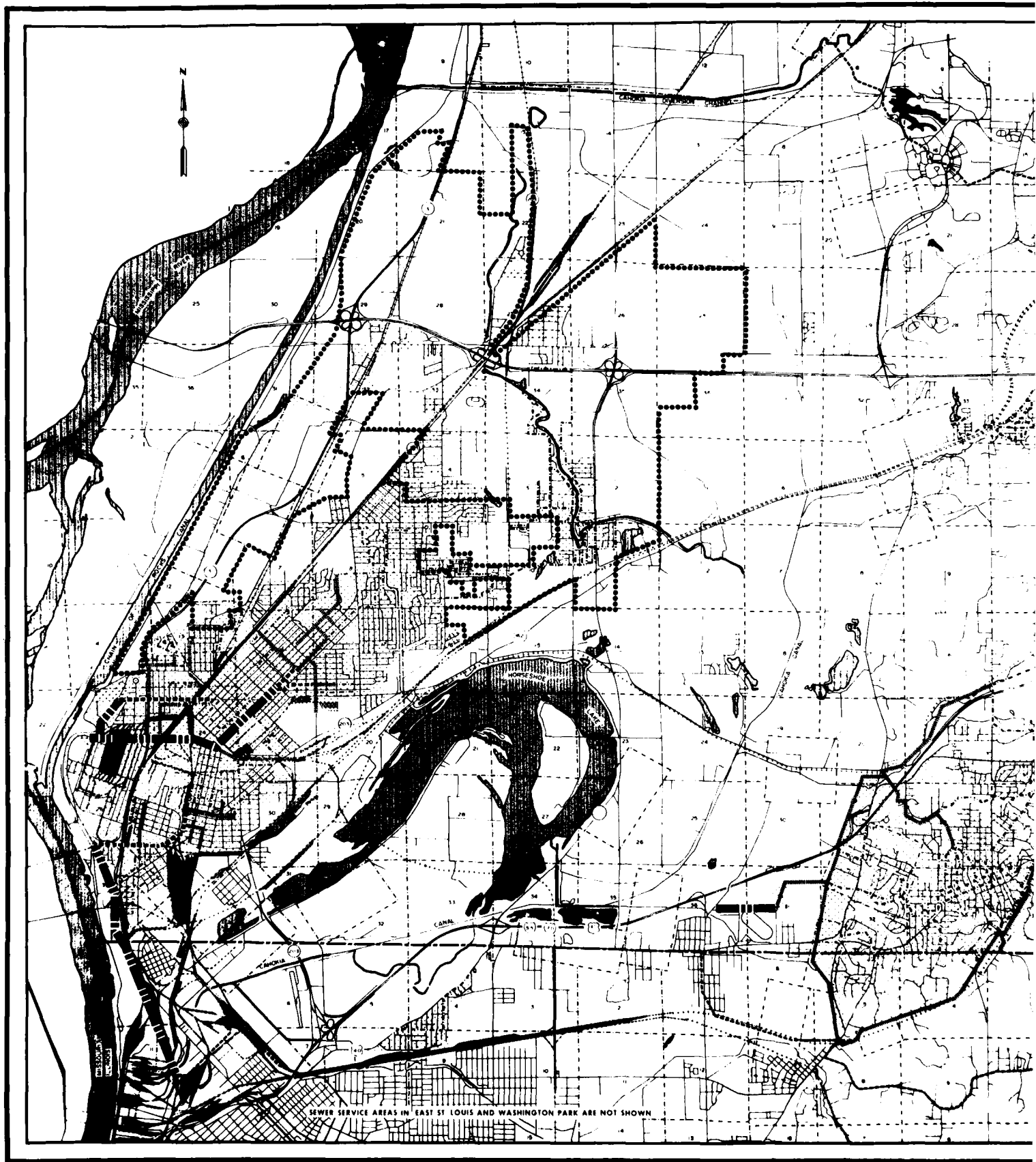
Robert E. Koopke

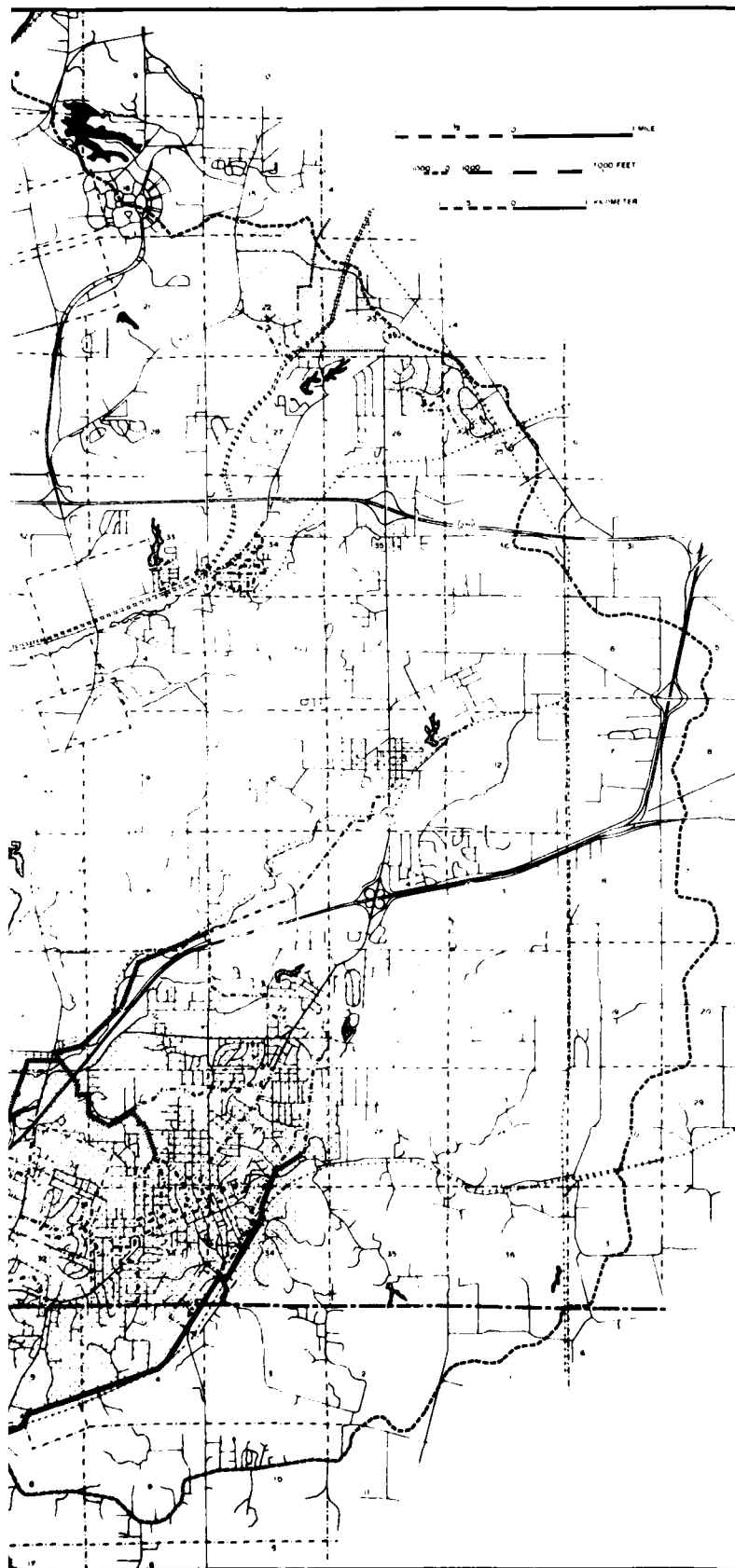
U.S. Army Engineer District, St. Louis
Corps of Engineers
St. Louis, Missouri

East St. Louis and Vicinity, Illinois
Interior Flood Control
CAHOKIA CANAL AREA

**MAJOR WATER LINES
AND SERVICED AREAS**

Figure XIX 7 Plate number





TRUNK LINES

- 10 - 20 INCH
- 21 - 36 INCH
- 38 - 54 INCH
- ===== 56 INCH AND LARGER



SERVICED AREA



4-TOWNSHIP SANITARY SERVICE AREA

(Special Service Area No. 1)

Source: Collinsville Sewer Map, 2/77.
 East Side Levee and Sanitation Dist. Maps
 for Fairmont City, Madison and Verice
 Glen Carbon Sewer Map, 12/68.
 Granite City Sewer Map, 73.
 Maryville Sewer Map.
 Pontoon Beach-Mitchell Sewer Map, 2/68
 Troy Sewer Map.
 Map of Madison County School and Sanitary
 Districts-Illinois Department of Local Govt.
 Affairs

ENVIRONMENTAL
 INVENTORY

Prepared under the
 direction of

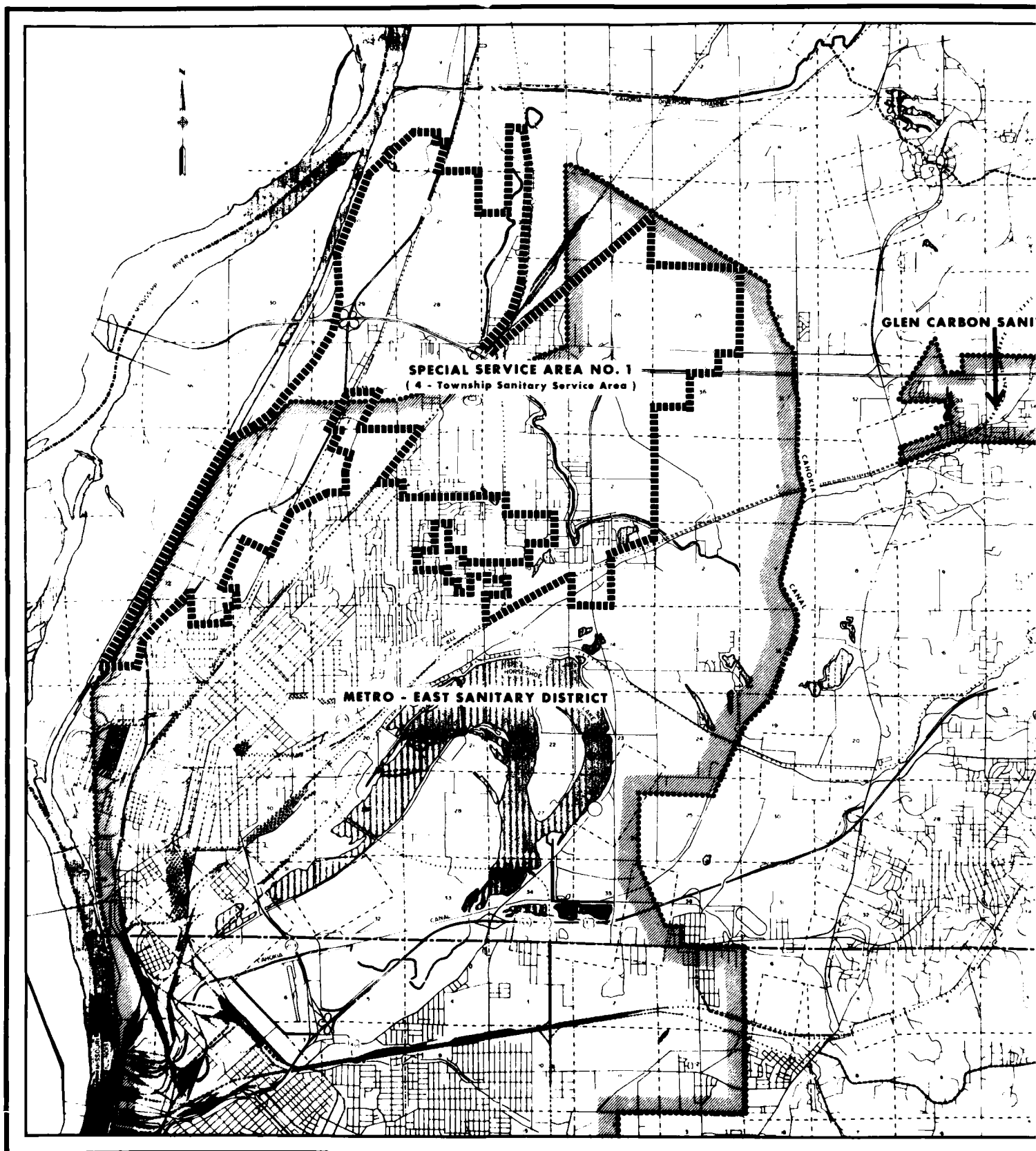
Robert L. K. Apple

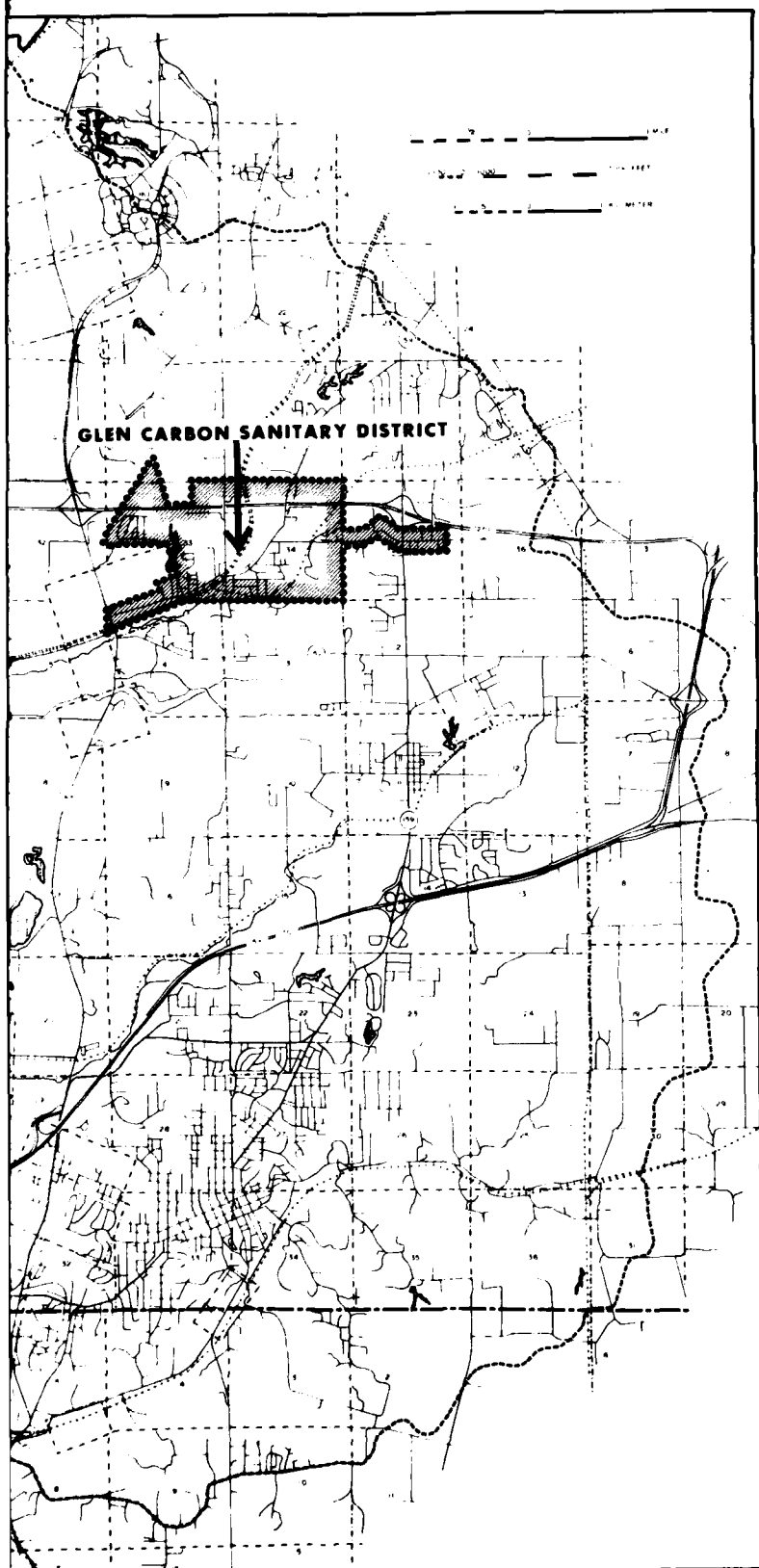
U.S. Army Engineer District, St. Louis
 Corps of Engineers
 St. Louis, Missouri

East St. Louis and Vicinity, Illinois
 Interior Flood Control
 CAHOKIA CANAL AREA

MAJOR SEWER LINES AND SERVICED AREAS

Figure XIX-8 Plate number





SANITARY DISTRICT BOUNDARY



SPECIAL SERVICE AREA BOUNDARY

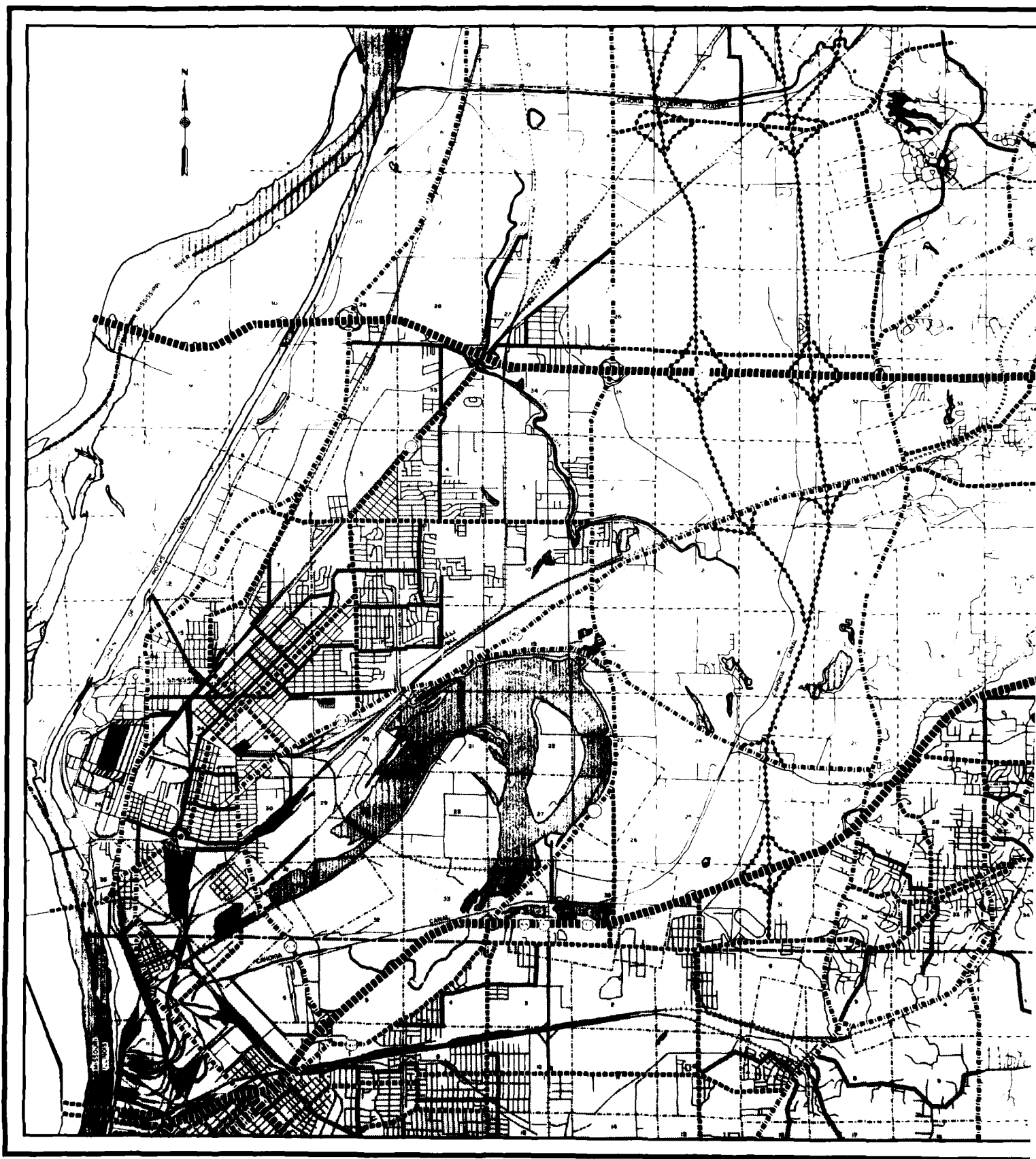
SOURCE: Map of

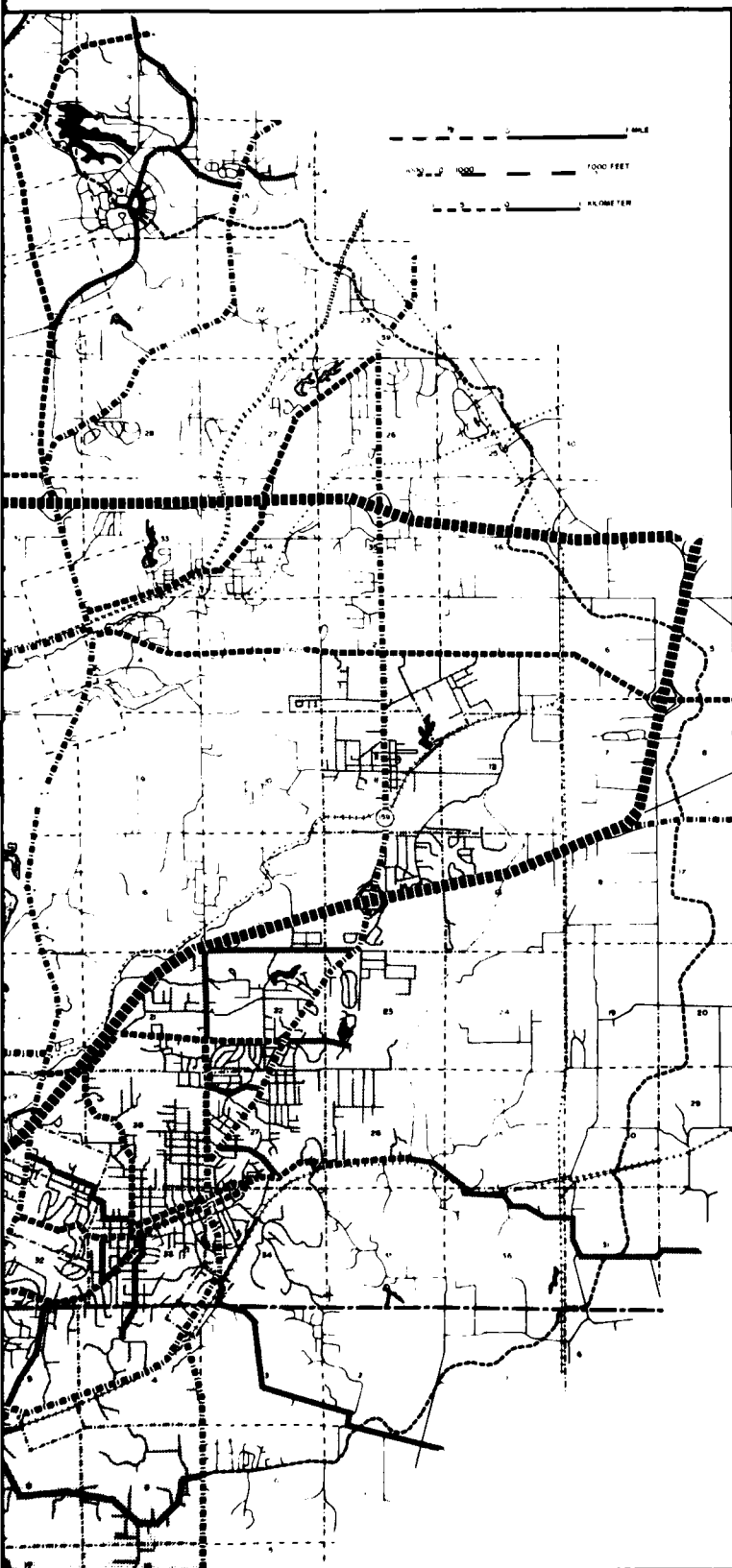
Madison County & St. Clair County School and Sanitary Districts

Illinois Dept. of Local Govt. Affairs.

Cartography by David Clotflood

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert E. Logg</i>	SANITARY DISTRICTS 1979
	Figure XIX 9 Plate number



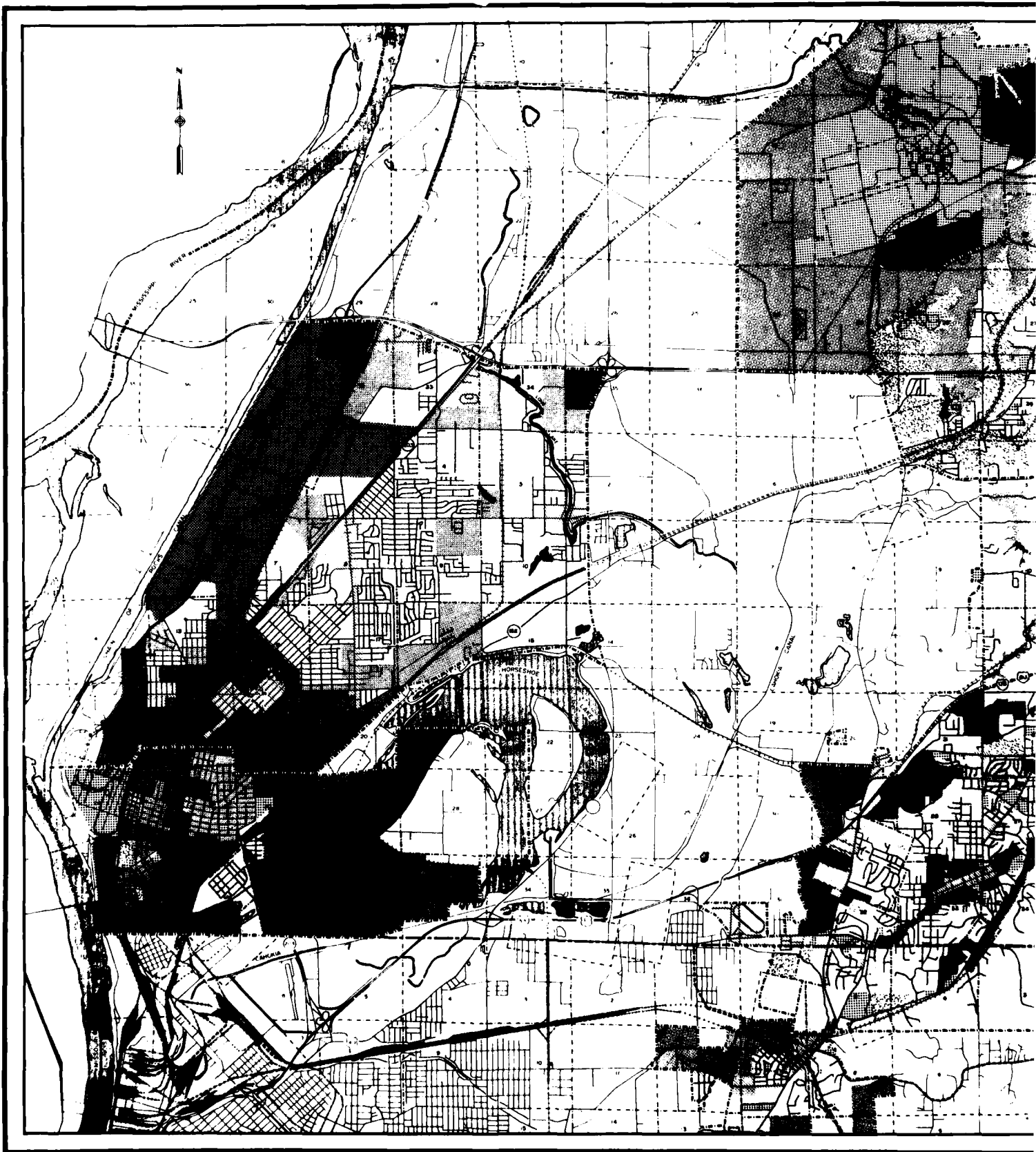


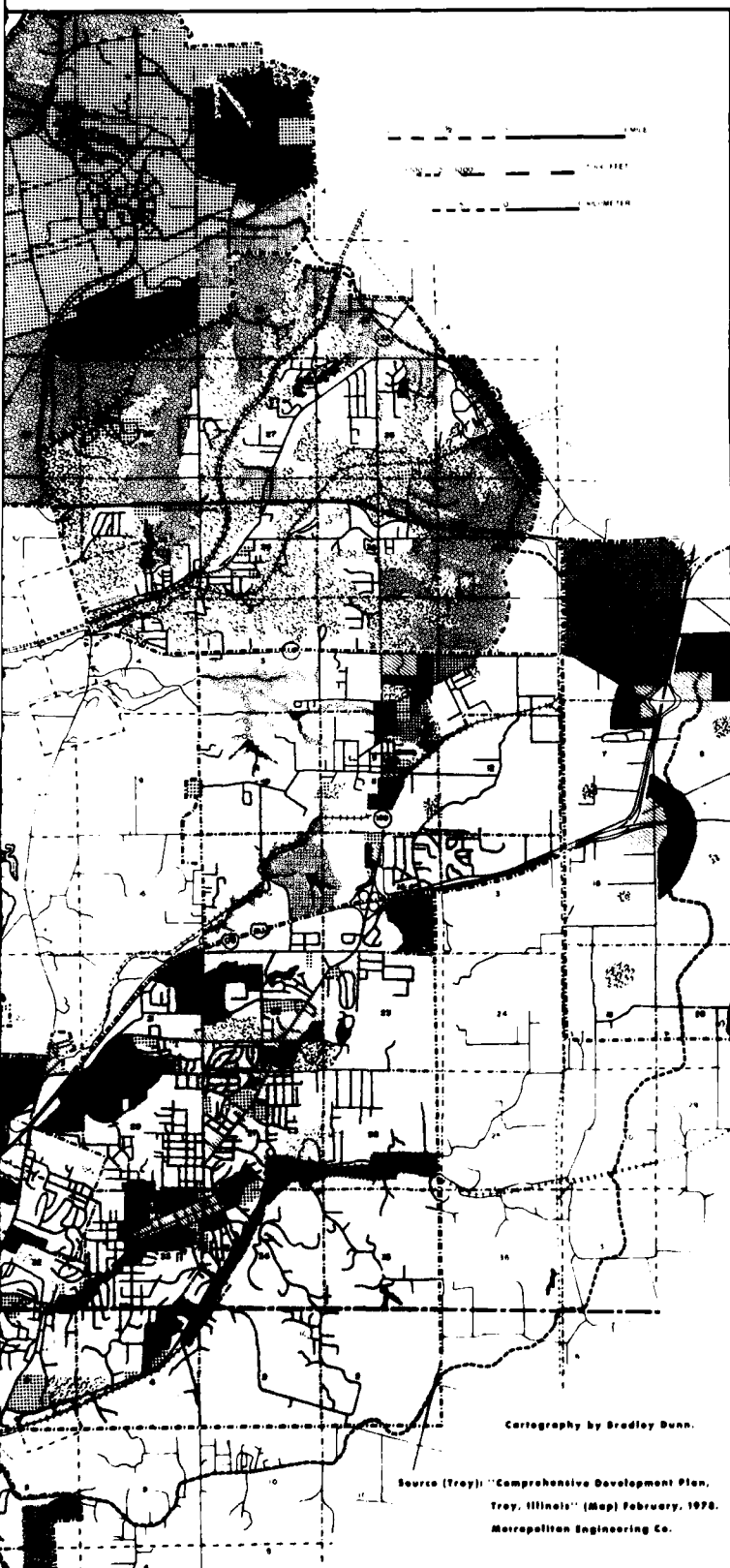
- PRINCIPAL ARTERIAL**
(RURAL AND URBAN INTERSTATES AND FREEWAYS)
- MINOR ARTERIAL**
(RURAL AND URBAN MAJOR HIGHWAYS AND AREA SERVICE)
- MAJOR COLLECTORS**
(MINOR URBAN ARTERIALS AND MAJOR RURAL COLLECTORS)
- MINOR COLLECTOR**
(MINOR RURAL AND URBAN COLLECTORS)
- FAP ROUTE 413 ALTERNATES**
- IDOT URBANIZED AREA**










SOURCE: General Highway Maps of Wood River, Cheateau, Collinsville, Edwardsville, Caseyville, Vanice, Nemooski, Canteon, and Striker Townships by the Illinois Department of Transportation (IDOT), Office of Planning, Programming and Environment, 1976.
Federal Aid System and 5-Year Classification Maps of Madison and St. Clair Counties by IDOT, 1974.
IDOT Alternate Route Study for FAP 413.

Cartography by Tom Aiken

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of	CURRENT HIGHWAY CLASSIFICATION AND PROPOSED IMPROVEMENTS
	Figure XIX-10 Plate number

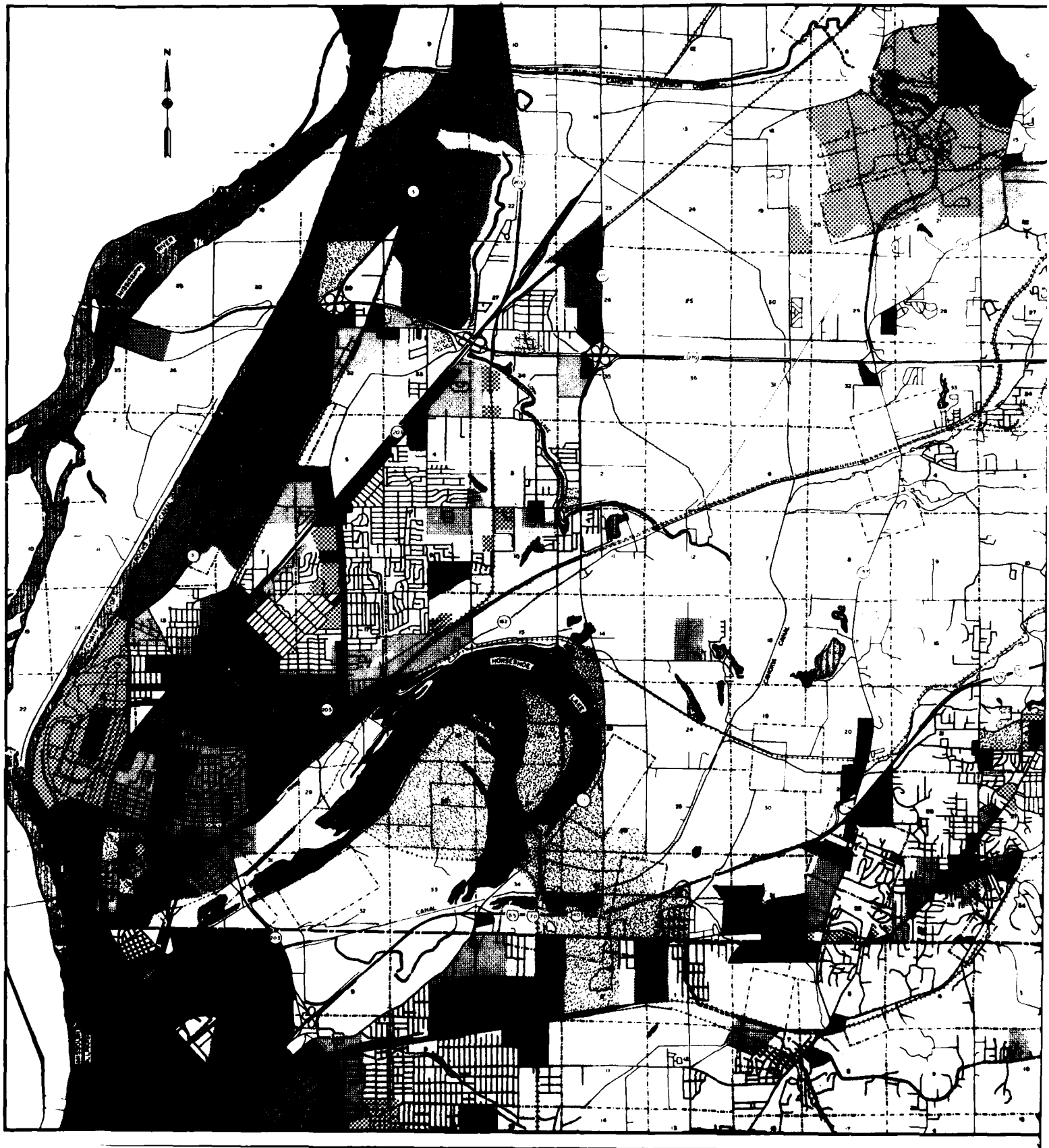


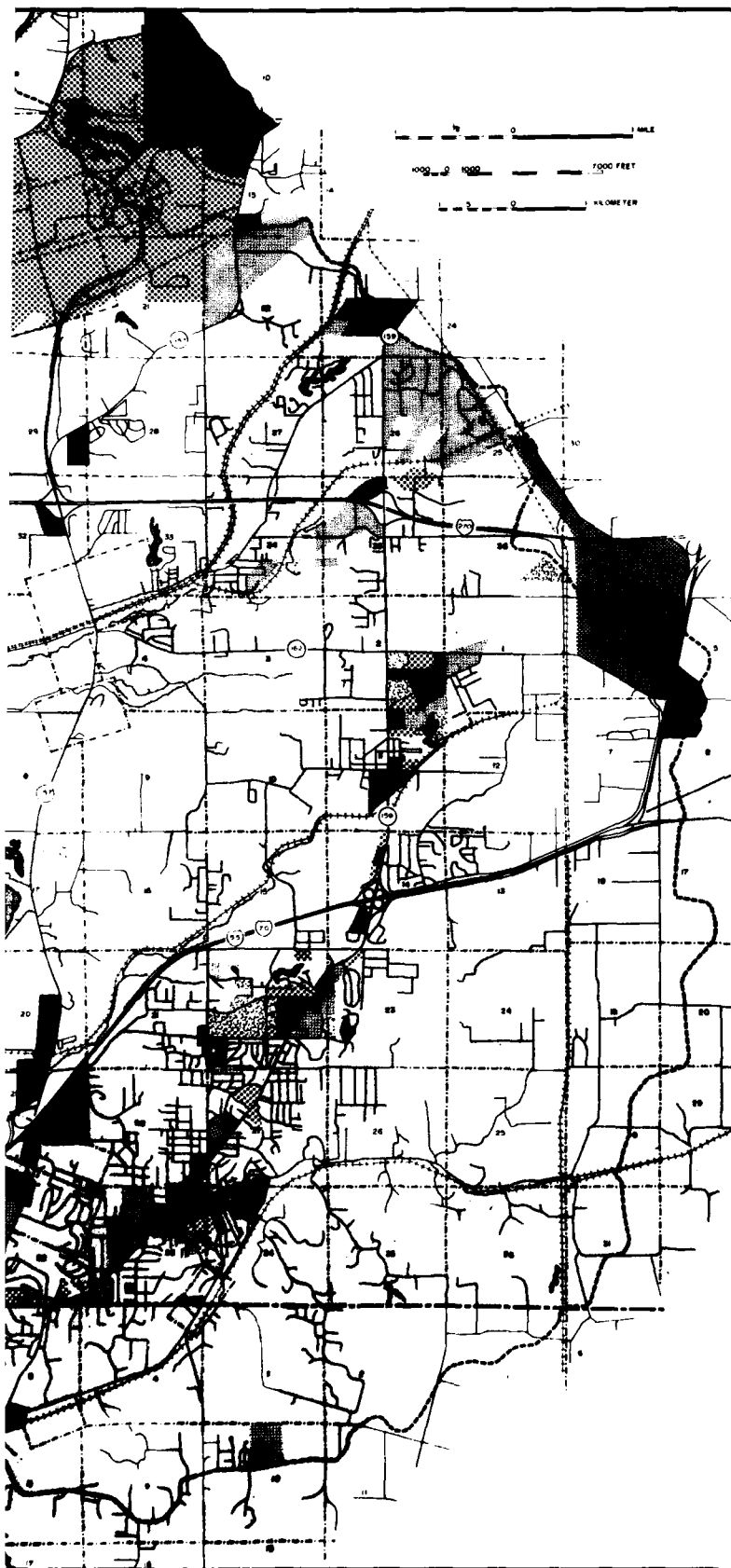












-  LOW DENSITY RESIDENTIAL
-  MEDIUM DENSITY RESIDENTIAL
-  HIGH DENSITY RESIDENTIAL
-  HEAVY COMMERCIAL
-  COMMERCIAL
-  GOVERNMENT & INSTITUTIONAL
-  RECREATIONAL
-  INDUSTRIAL
-  OTHER

Source: "A Comprehensive Community Plan, Venice, Illinois" August 1969, Plates 2-1 and 2-2.
 "A Long-Range Development Plan for Granite City, Illinois" July, 1968, Plate 2-1.
 "Collinsville Comprehensive Land Use Plan Update" May 1973, Plate 3.
 "Community Development Plan, Glen Carbon, Illinois" March 1976, Plate 3.
 "Community Plan Village of Caseyville, Illinois" June, 1973, Plate 1.
 "A Comprehensive Community Plan, Maryville, Illinois" September, 1969, Plate 2-1.
 "A Comprehensive Community Plan, Edwardsville, Illinois" December, 1969, Plate 2-1.
 Southwestern Illinois Metropolitan Area Planning Commission

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of	COMMUNITY PLANS
Figure XIX-11 Plate number	





-  LOW DENSITY RESIDENTIAL
-  MEDIUM DENSITY RESIDENTIAL
-  HIGH DENSITY RESIDENTIAL
-  COMMERCIAL
-  INDUSTRIAL
-  PUBLIC-INSTITUTIONAL
-  FLOOD PRONE (Madison Co.)
-  RECREATIONAL
-  AGRICULTURAL (Madison Co.)
-  UNCLASSIFIED (St. Clair Co.)

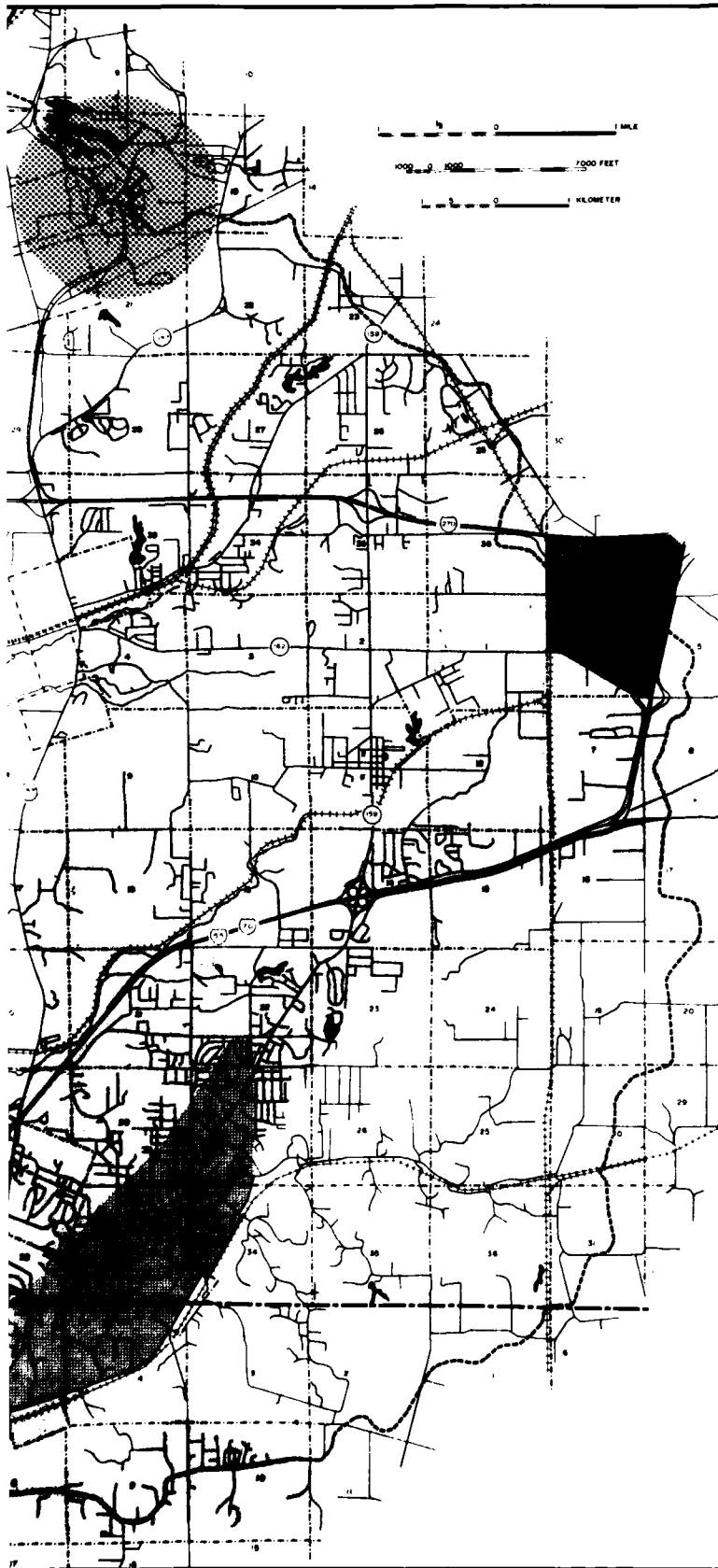
Source: Madison County Plan (1973) and St. Clair County Plan (1969).

Cartography by David Clolland




ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Charles A. ...</i>	<p align="center">COUNTY PLANS</p> <p align="center">MADISON (1973) ST. CLAIR (1969)</p>

Figure XIX 12 Plate number











**GENERAL URBAN AVG. DENSITY
(DWELLING UNIT/ACRE)**

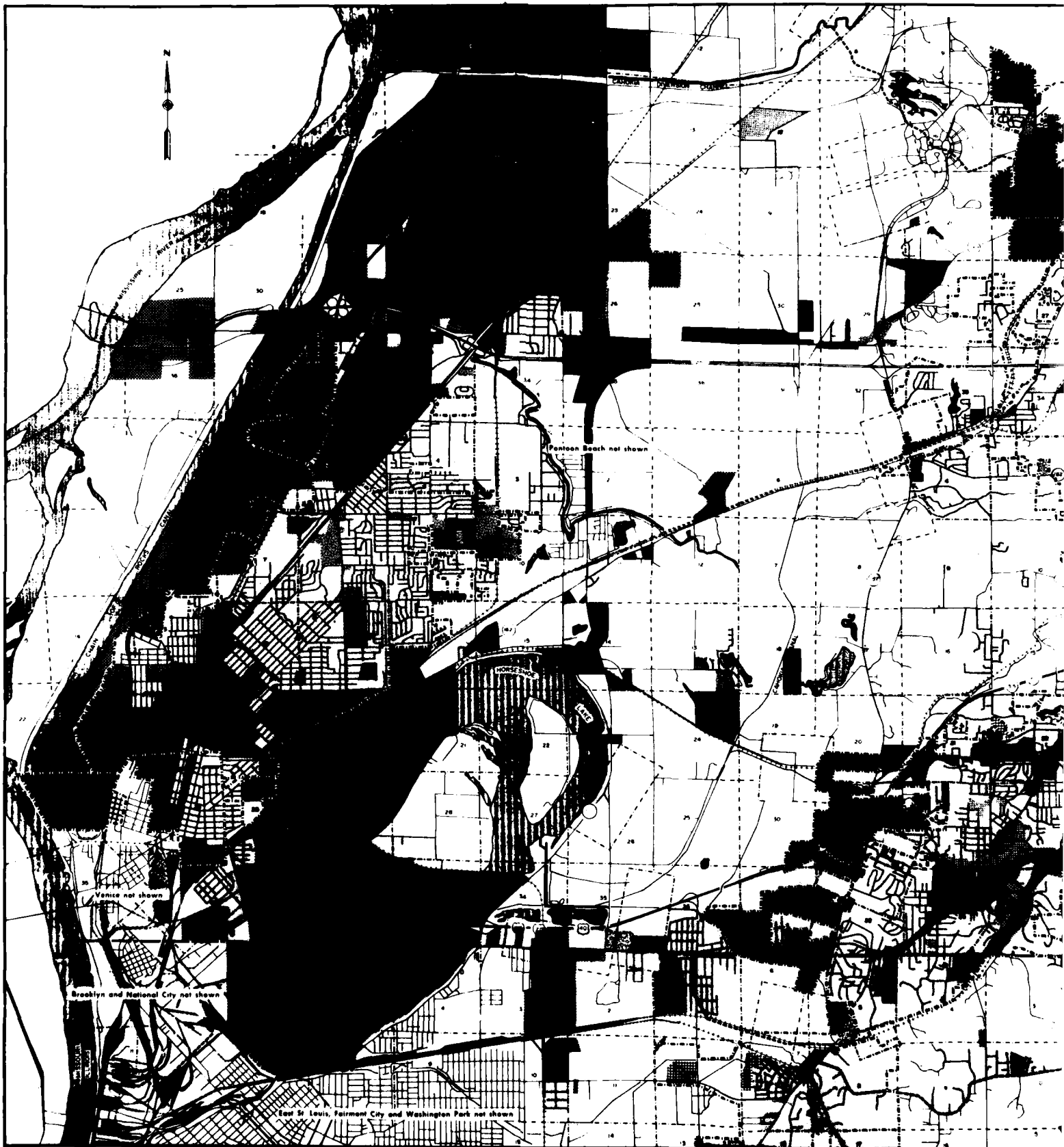
-  1-3
-  3-5
-  5-10

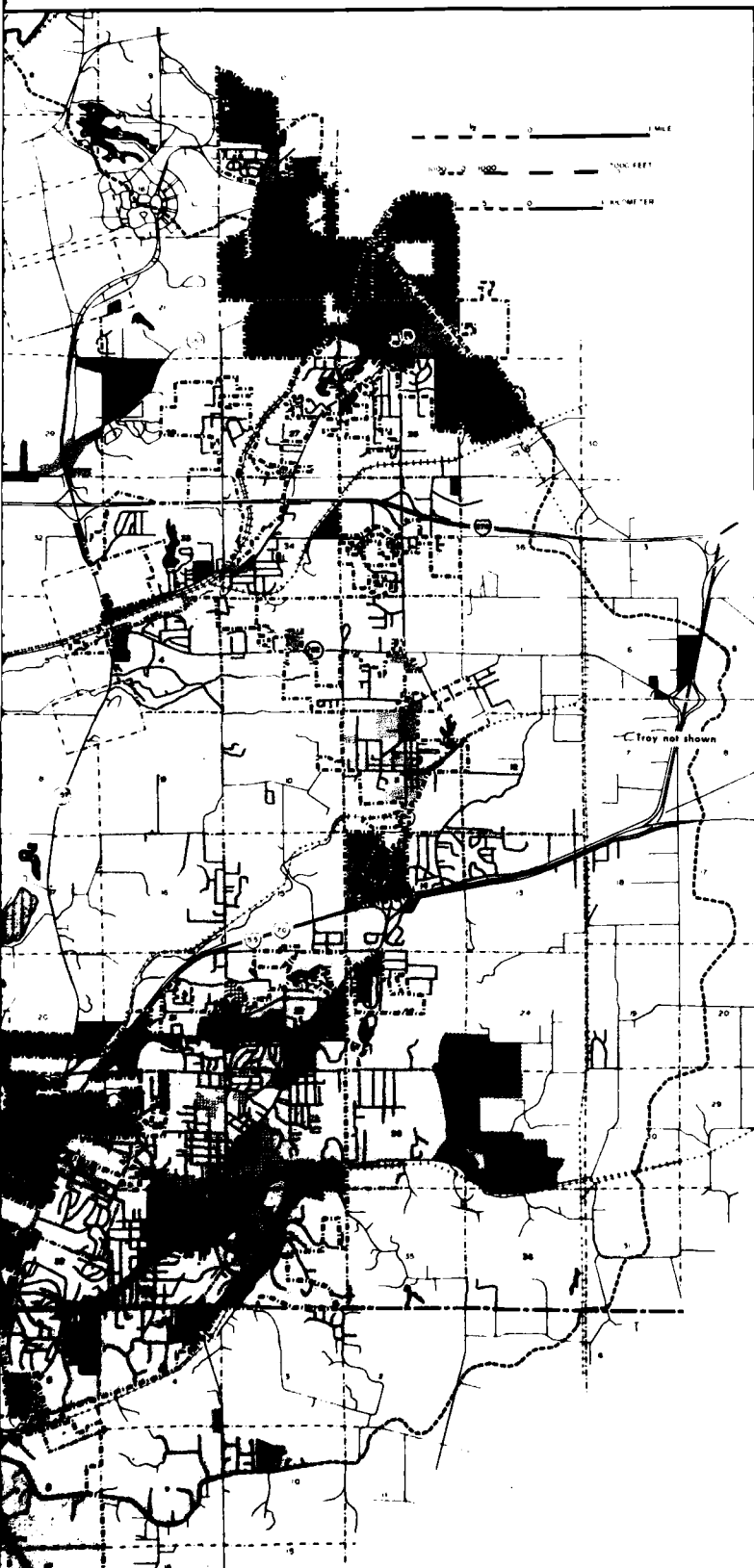
OTHER PROPOSED LAND USES

-  REGIONAL INDUSTRY
-  REGIONAL RECREATION/OPEN SPACE
-  NON-URBAN
-  URBAN CENTER
-  INSTITUTIONAL
-  PORT SITE AND RELATED INDUSTRIAL

Source: East-West Gateway
Coordinating Council
St. Louis Metropolitan Area 1977.

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert H. Kuyke</i>	EAST-WEST GATEWAY COORDINATING COUNCIL GENERALIZED REGIONAL LAND USE PATTERNS 2000
Figure XIX 13 Plate number	





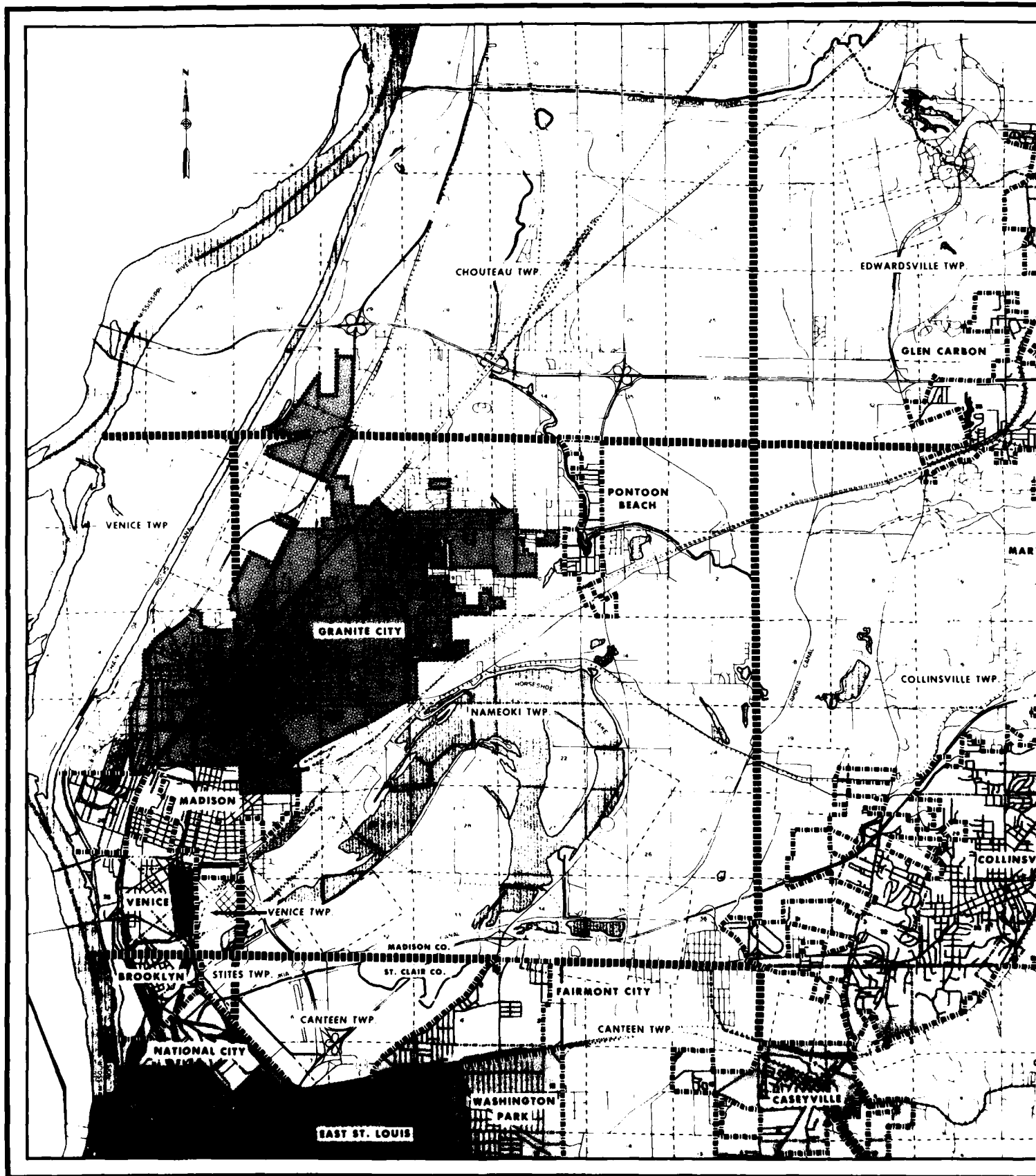
		MADISON COUNTY	COLLINSVILLE	EDWARDSVILLE	OLEN CARBON	GRANITE CITY	MADISON	MARYVILLE	ST. CLAIR COUNTY	CASEYVILLE
SINGLE FAMILY RESIDENTIAL		R1-R4	R1A R1	R1	SR1 SR2	R1-R3	R1 R2	SR1 SR2	SR1 SR4	SR1 SR2
DUPLEX			B2		MR1	R4		MR1	MR1	
MULTI-FAMILY RESIDENTIAL		R5	B3	R4	MR2 PUD	R5	R3	MR3	MR2 MR3	MR
MOBILE HOME			R4						MR1	MR
COMMUNITY BUSINESS		B1 B2	B1 B2	B2	B1	C1 C2	B2	B1 B2	HB	B1 B2
GENERAL BUSINESS		B3 B4	B3-B5	B3 B4	B2	B				
INDUSTRIAL		M1-M3	M1	M1	IND	M1-M3	IT		IT 12	I
PARKS and CONSERVATION		P							C1	
AGRICULTURAL		A			AG			A	A	A

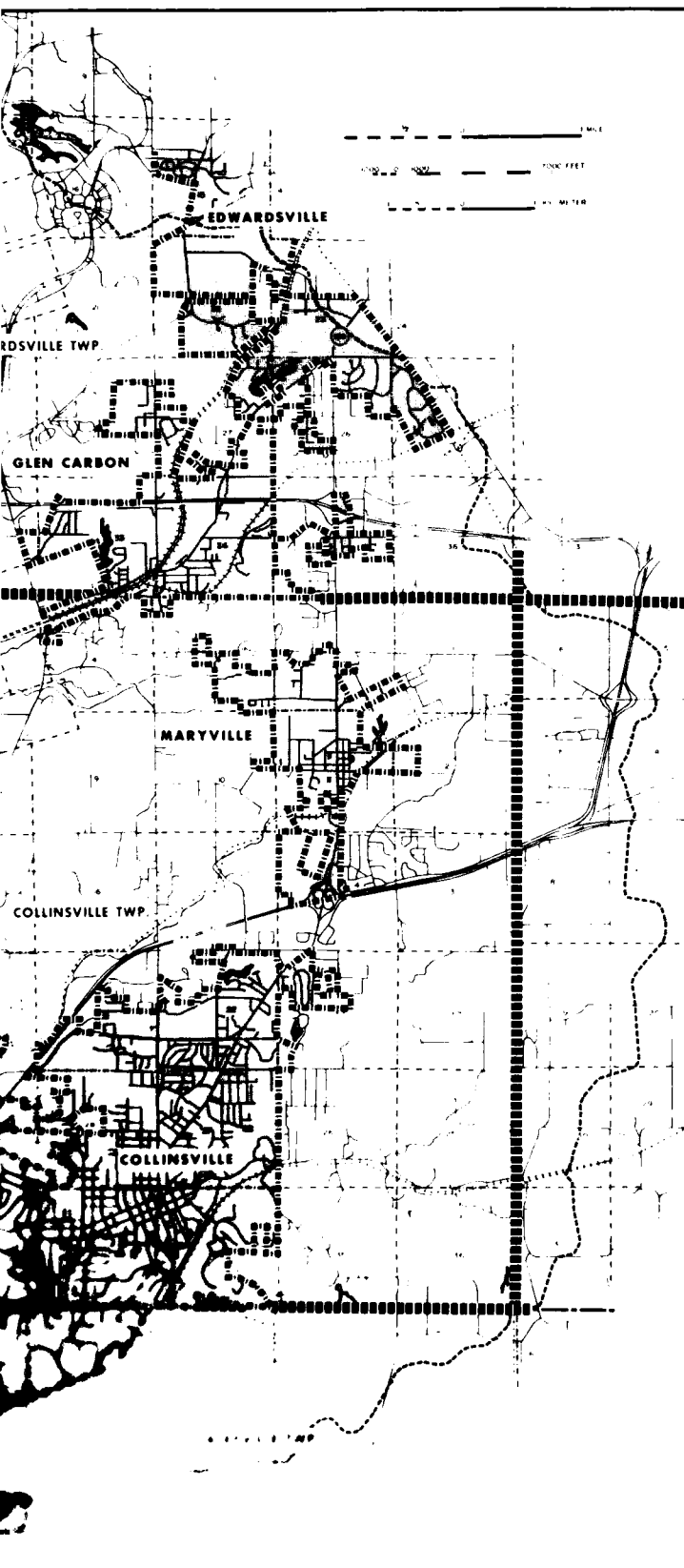
----- MUNICIPAL LIMITS

SOURCE: Madison County Zoning Maps of Chouteau, Collinsville, Edwardsville, Nemoeki, Venice Townships, 1978; Zone District Map, City of Collinsville, 1978; Official Zoning Map of Edwardsville, 1977; Olen Carbon Zoning Ordinance, 1978; Granite City Zoning Ordinance (and Amendments), 1975; Zone District Map, City of Madison, 1974; Maryville Illinois Zoning Map, 1978; St. Clair County Zoning Maps of Centeen and Caseyville Townships, 1969; Zone District Map, Village of Caseyville, 1977.

Cartography by David Clelland, Brad Dunn et al.

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of <i>Robert E. Koppke</i>	ZONING
	Figure XIX-14 Plate number





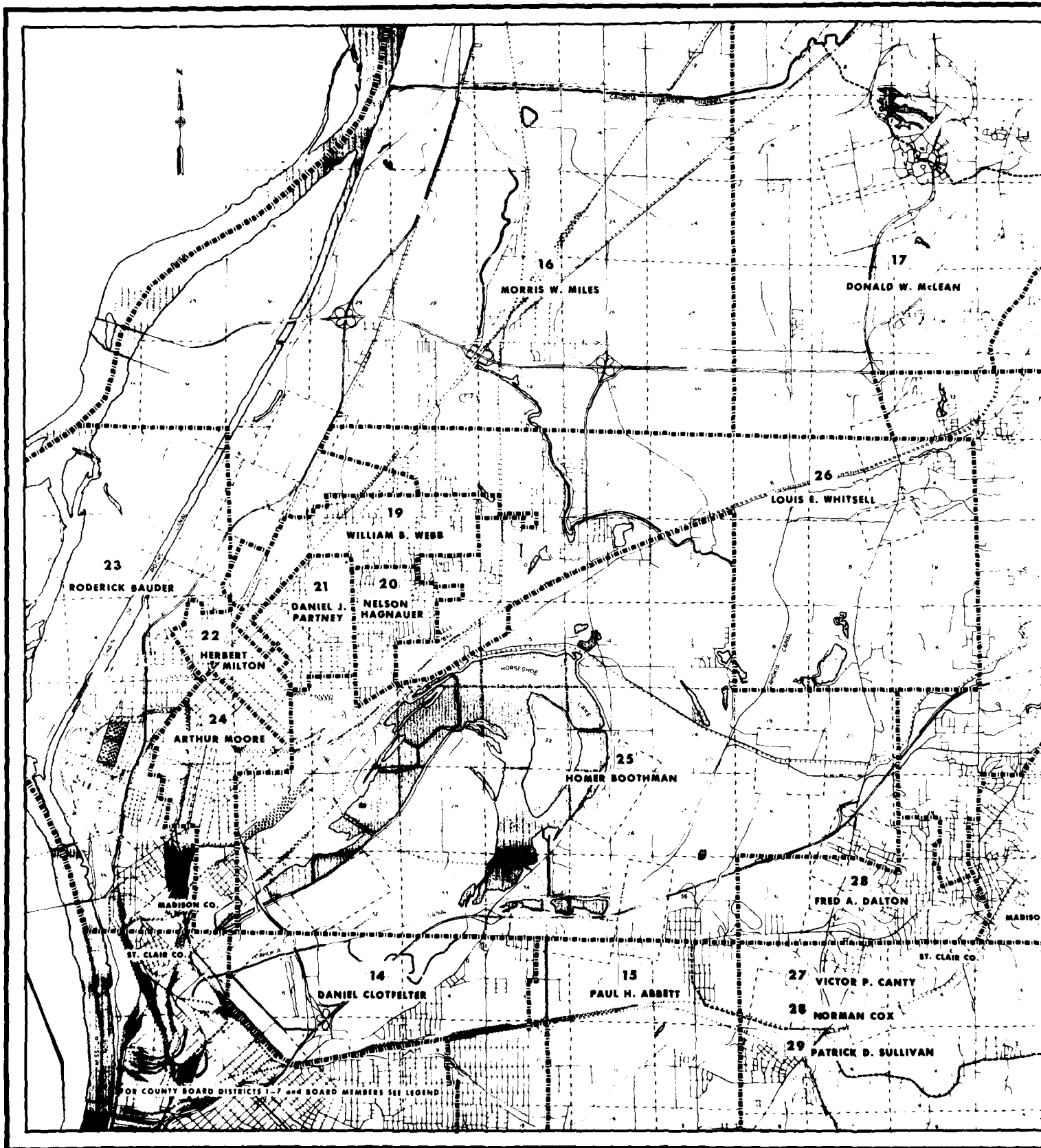
MUNICIPAL LIMITS

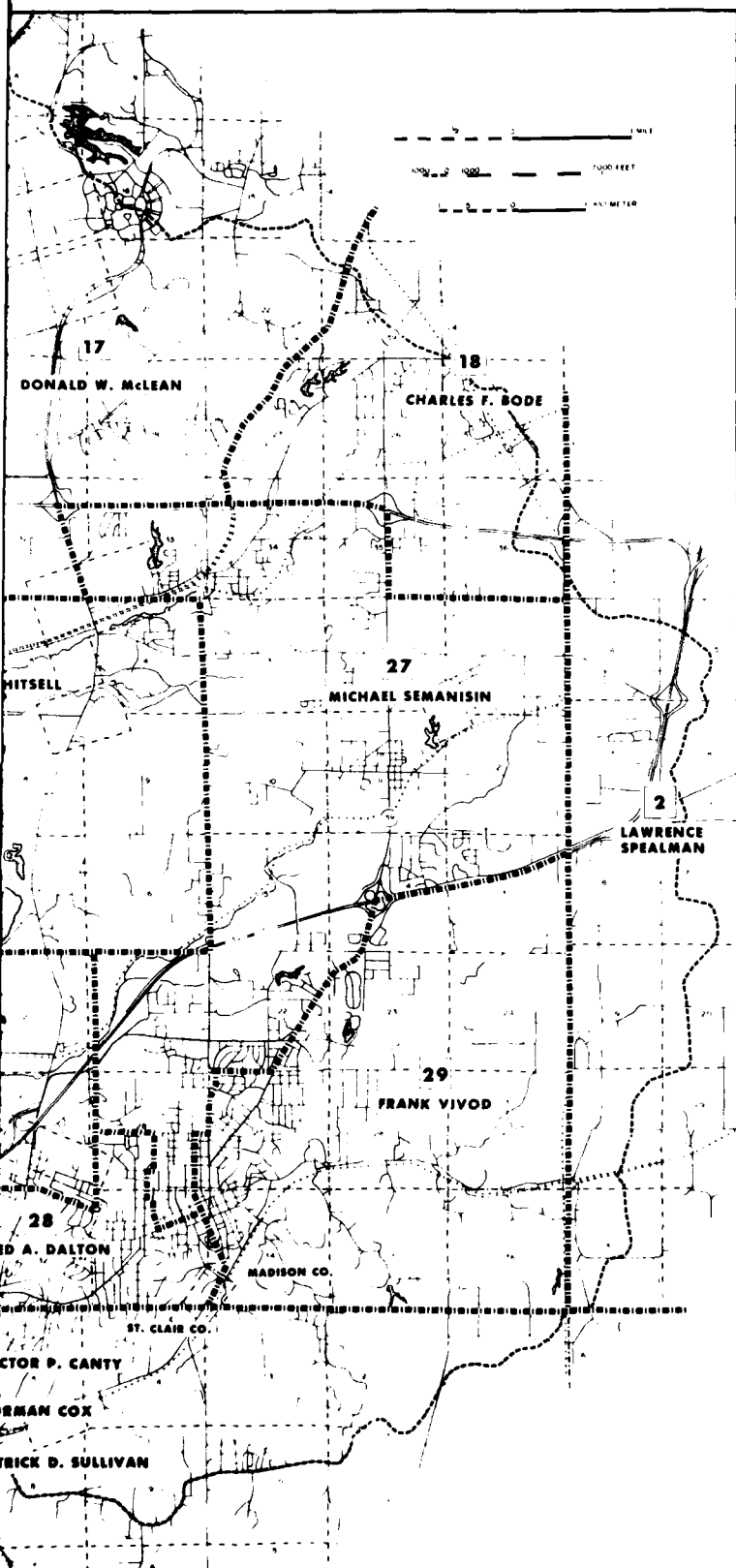
CIVIL TOWNSHIP BOUNDARY

CIVIL TOWNSHIP AND MUNICIPAL LIMITS ARE THE SAME

SOURCE: Zoning maps of Madison County(1978).
St. Clair Co.(1969), Edwardsville(1978).
Glen Carbon(1978), Maryville (1978).
Granite City(1978), and Collinsville(1978).

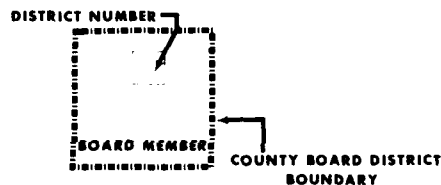
ENVIRONMENTAL INVENTORY	US Army Engineer District, St Louis Corps of Engineers St Louis, Missouri
	East St Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	MUNICIPAL LIMITS AND CIVIL TOWNSHIPS
Prepared under the direction of	Figure XX 1 Plate number





STITES TOWNSHIP AND EAST ST. LOUIS

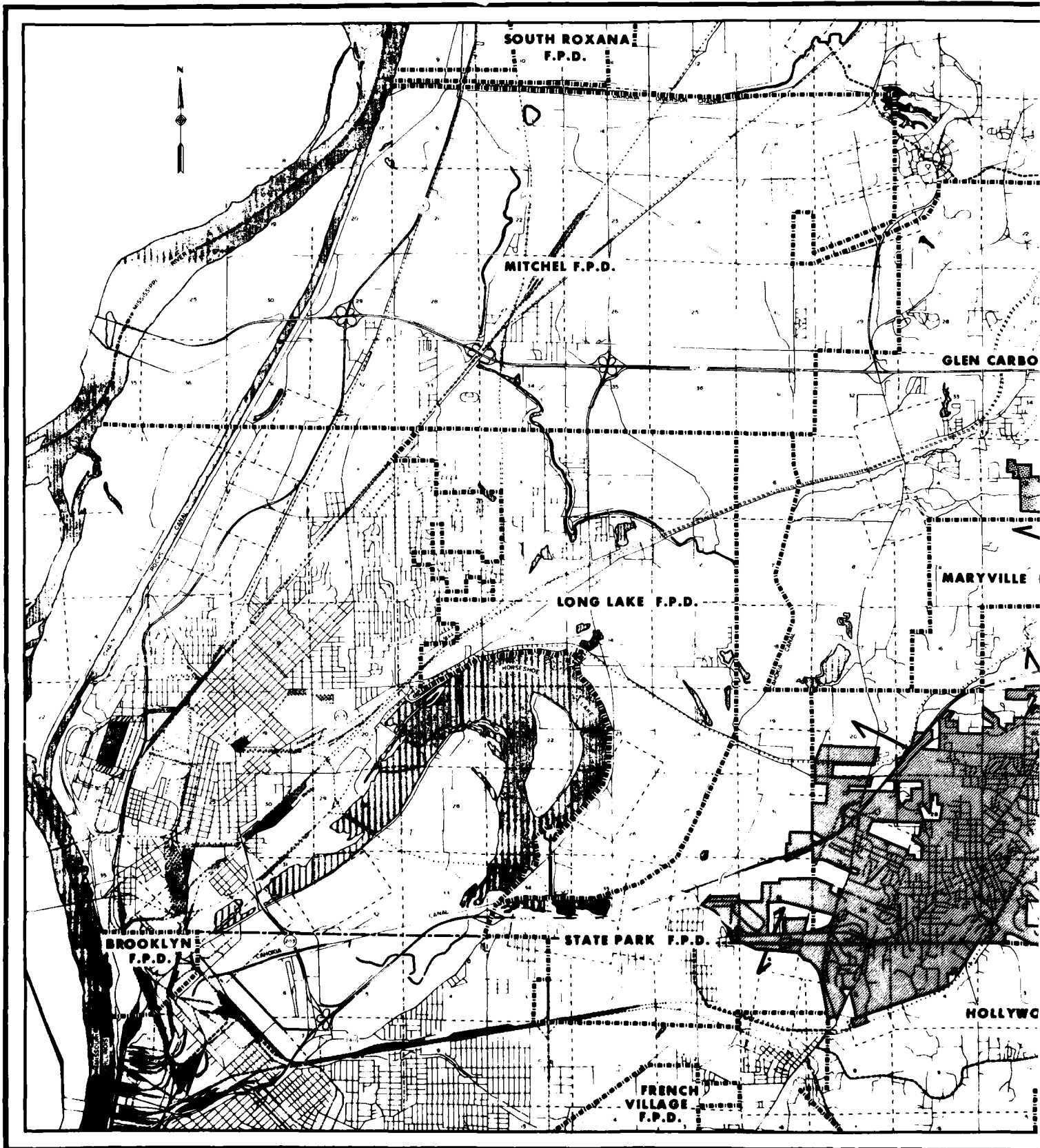
- 1 ADOLPHUS DIXON
- 2 DOLLANN WILLIAMS
- 3 GEORGE THOMAS
- 4 JERRY D. BROOKS
- 5 JAMES CHAPMAN
- 6 ROY MOSLEY
- 7 WILL McGAUGHY

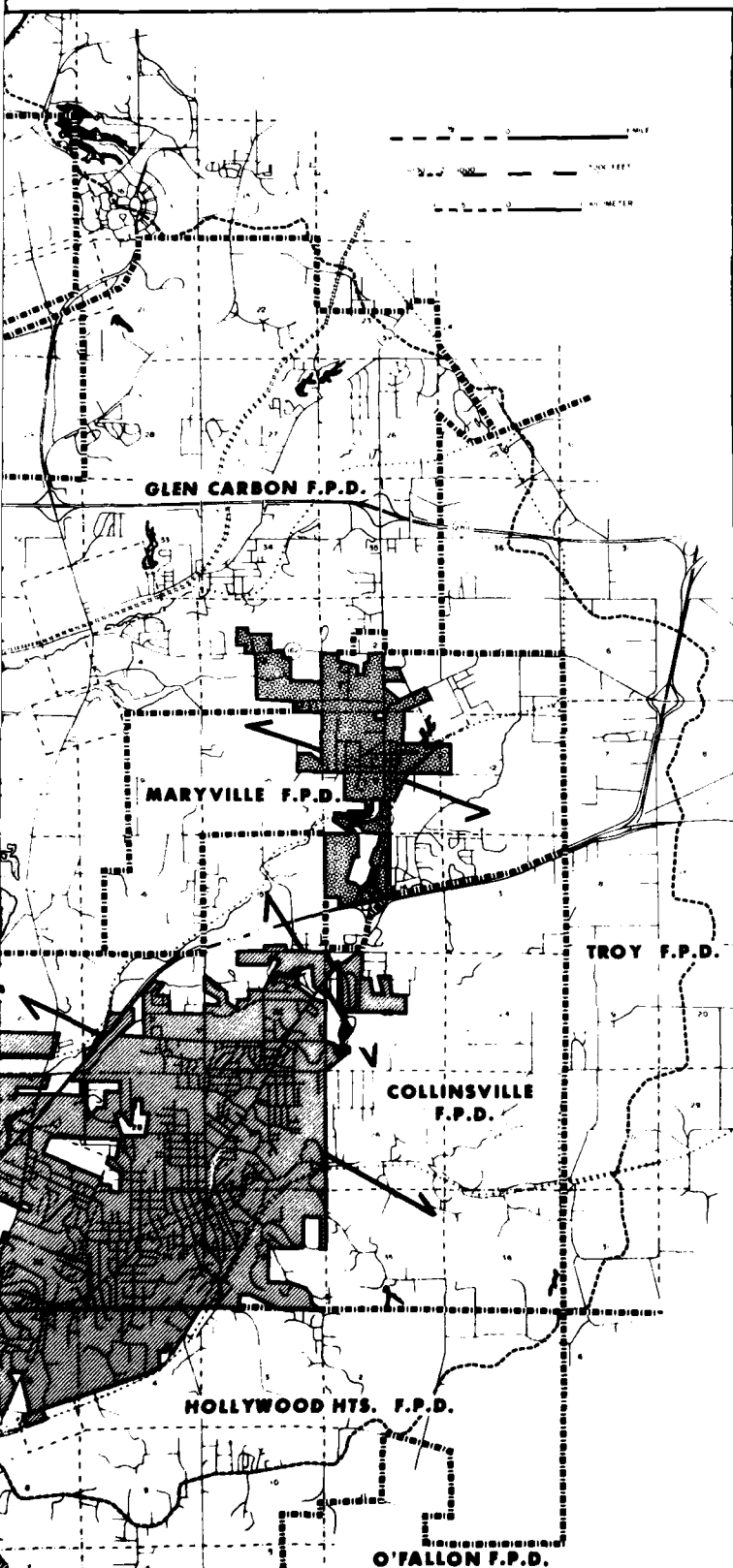


SOURCE: Maps and Lists of Madison and St. Clair County Board Districts and Board Members, Madison County Clerk Evelyn Bowles, St. Clair County Clerk C. Barney Metz

Cartography by Andrew Koopke and David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
	COUNTY BOARD DISTRICTS AND BOARD MEMBERS 1979
Prepared under the direction of	Figure XX 2 Plate number





 FIRE PROTECTION DISTRICT

NOTE: The City of Collinsville and the Village of Maryville are in no fire protection District. Both municipalities provide their own fire protection service.

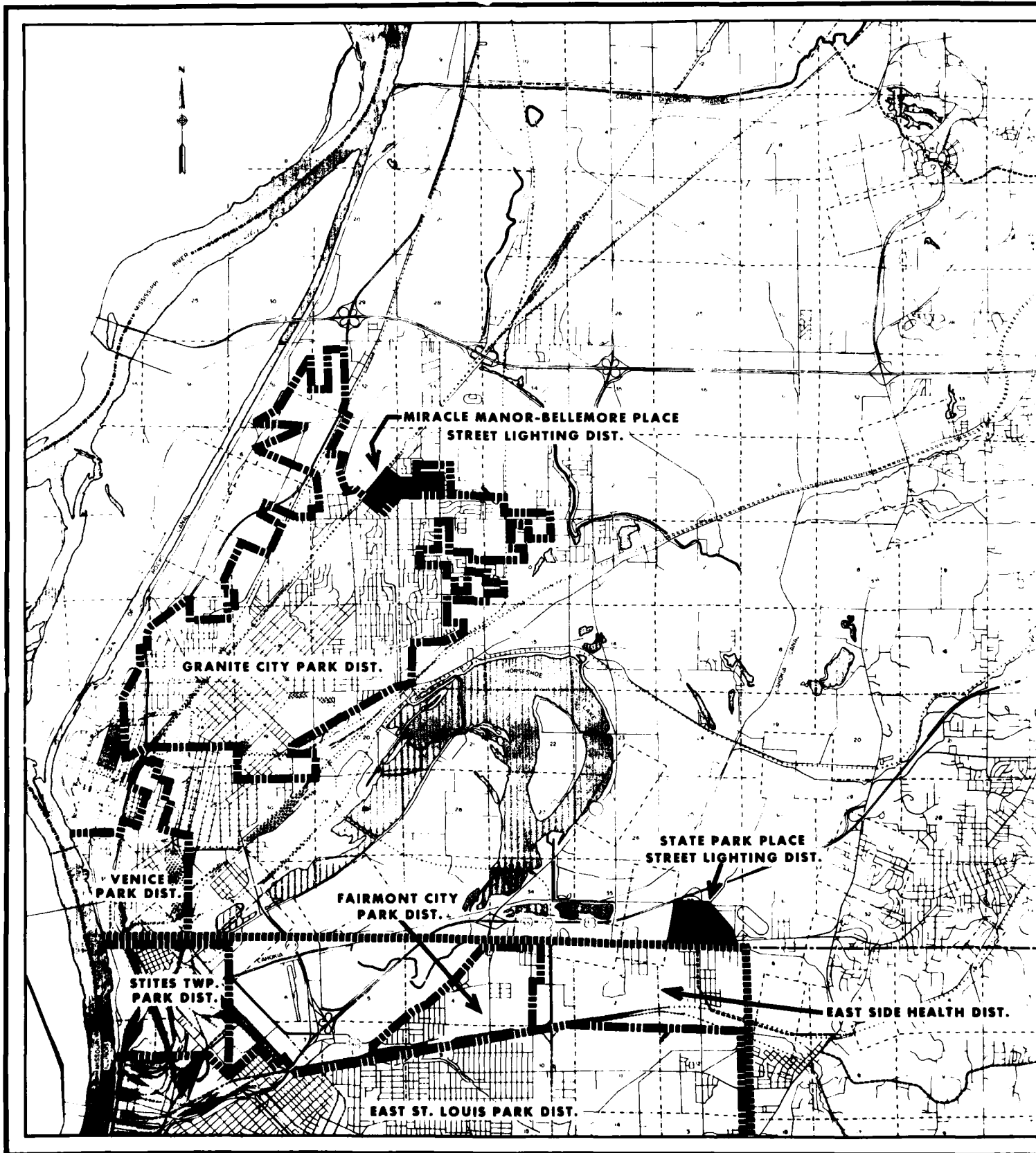
 COLLINSVILLE

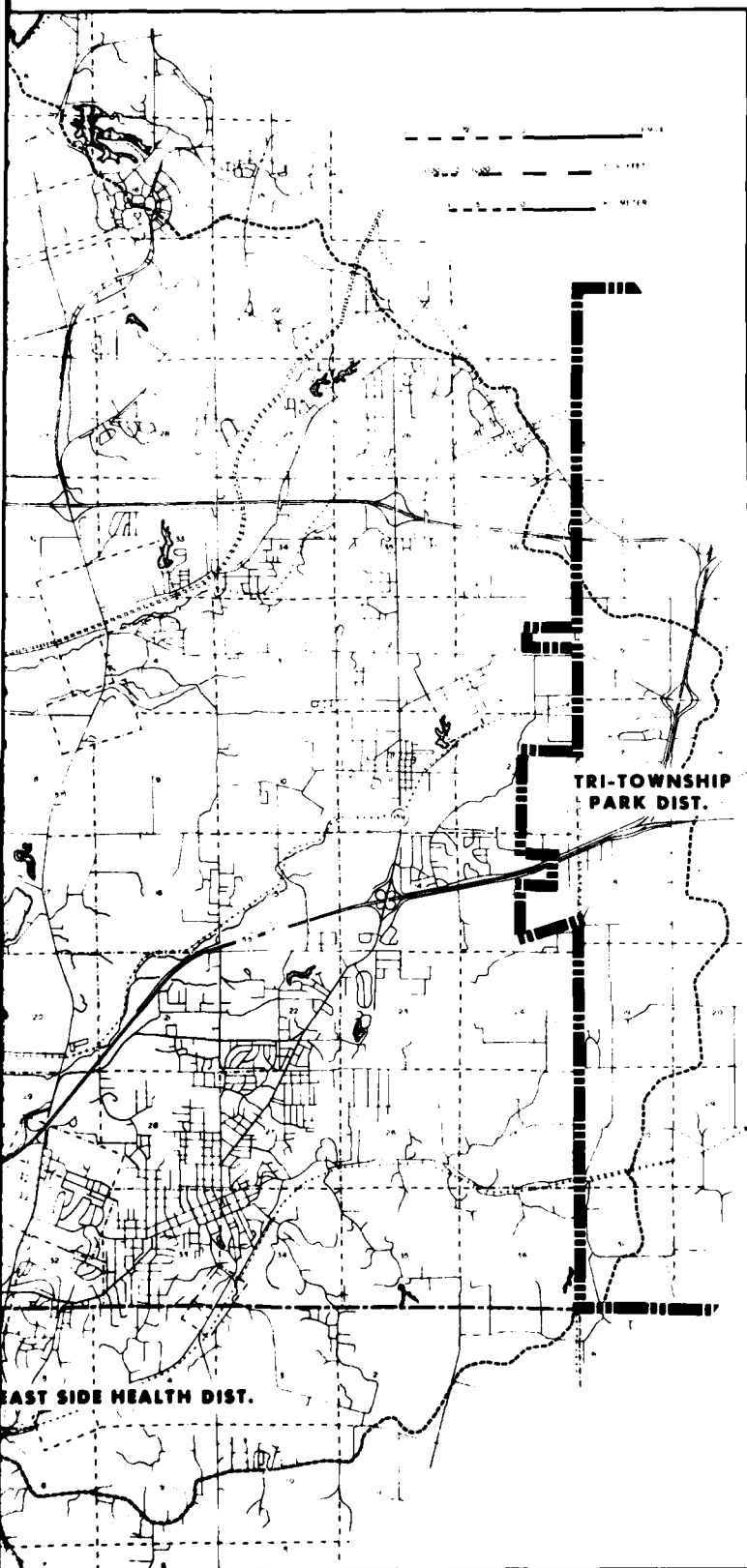
 MARYVILLE

SOURCE: Maps of
"Corporations, Fire Protection, Health, Hospital, Park
and Street Lighting Districts" for Madison and St. Clair Counties.
Illinois Dept. of Local Govt. Affairs.

Cartography by David Clelland

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of	FIRE PROTECTION DISTRICTS 1979
Figure XX 3 Plate number	





PARK DISTRICT



HEALTH DISTRICT

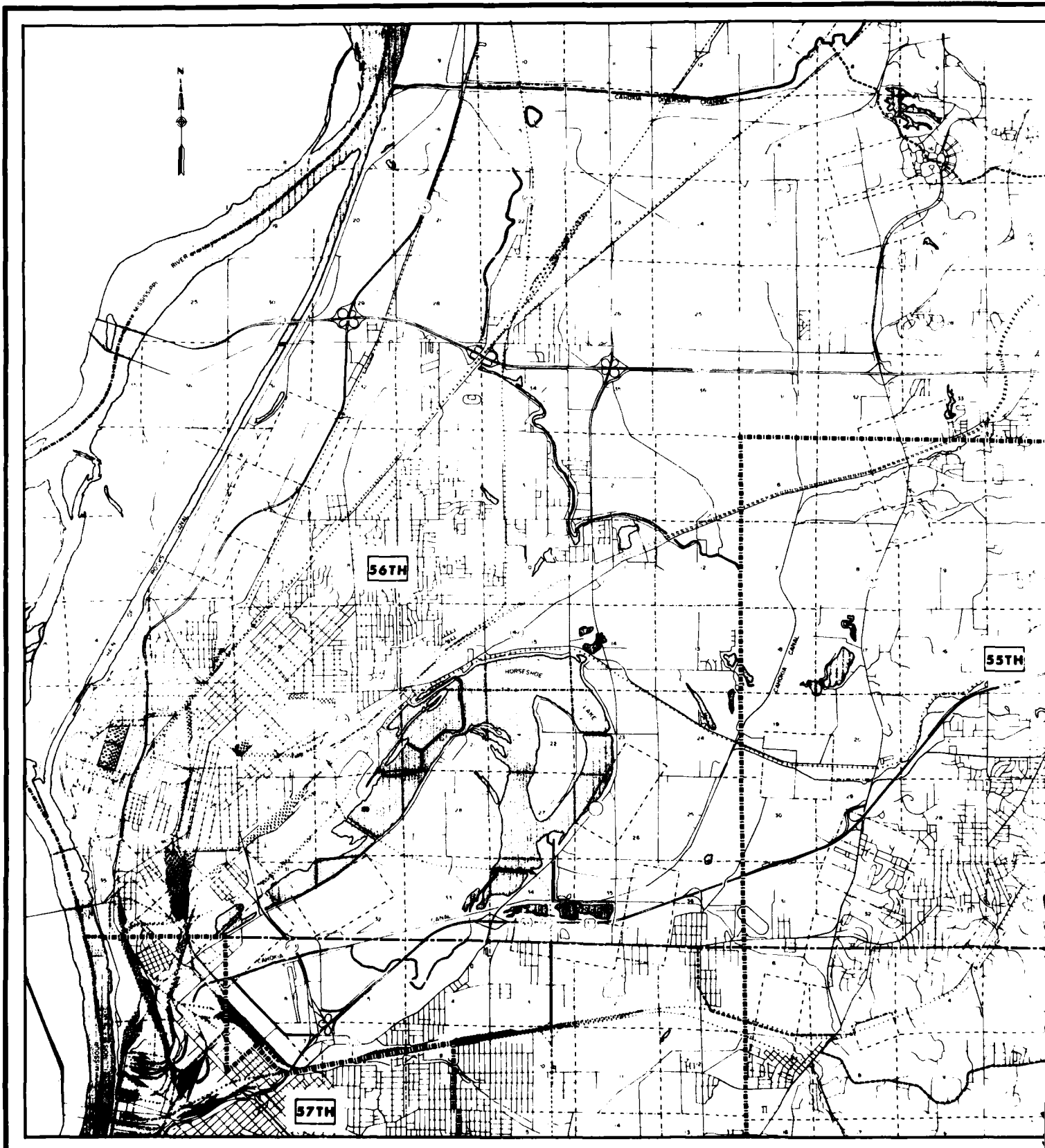


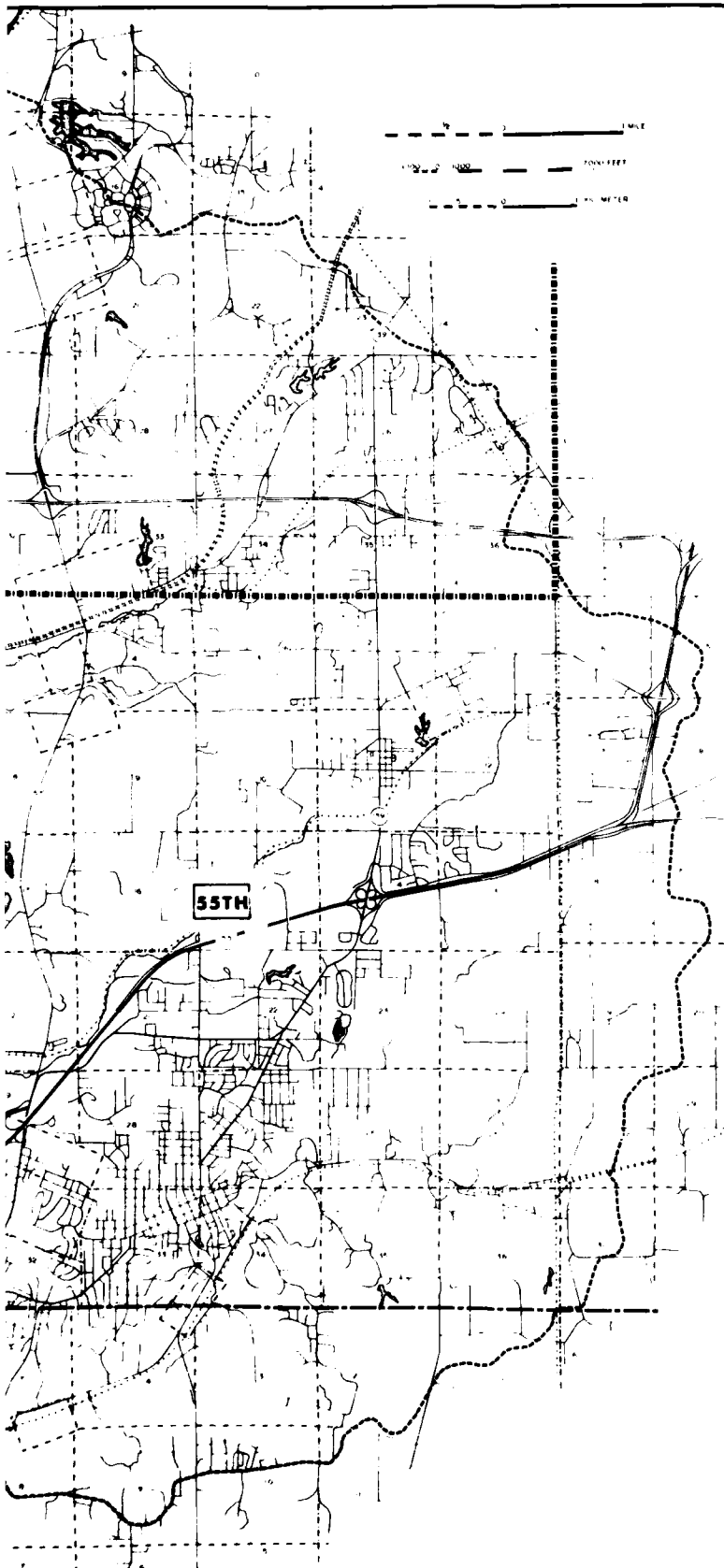
STREET LIGHTING DISTRICT

SOURCE: Illinois Department of Local Government Affairs,
 zoning district maps-March 1979.

Cartography by David Clelland

<p>ENGINEERING NO. 1000000</p>	<p>US Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri</p>
<p>Prepared under the direction of</p>	<p>East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA</p> <p>PARK, HEALTH and STREET LIGHTING DISTRICTS</p> <p>1979</p> <p>Figure XX 4 Plate number</p>





DISTRICT NUMBER **55TH** LEGISLATIVE DISTRICT BOUNDARY

55th DISTRICT

REPRESENTATIVES:

Frank Watson

Michael Slape

Dwight Friedrich

SENATOR:

James Donnewald

56th DISTRICT

REPRESENTATIVES:

Sam Wolfe

Jim McPike

Everett Steele

SENATOR:

Sam Vadalabene

57th DISTRICT

REPRESENTATIVES:

Monroe Flinn

Celeste Stiehl

Wyvetter Younge

SENATOR:

Kenneth Hall

SOURCE: "Handbook of Illinois Government"
Alan J. Dixon, Secretary of State
State of Illinois

Cartography by David Clifton

ENVIRONMENTAL INVENTORY	U.S. Army Engineer District, St. Louis Corps of Engineers St. Louis, Missouri
	East St. Louis and Vicinity, Illinois Interior Flood Control CAHOKIA CANAL AREA
Prepared under the direction of	LEGISLATIVE DISTRICTS SENATORS AND REPRESENTATIVES 1979
	Figure XX 5 Photo number

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